

Materials Pre-Purchased for: 117 Hatch Avenue

1. All, Inc. Appliances

Refrigerator: FFHT2126LS/K Energy Star Rated 21 cu ft top mount refrigerator, stainless steel, with icemaker

Range: FFGF3053LS Frigidaire 30" Free-Standing Gas Range, Self Clean, Clock

Microwave/Hood: FFMV162LS Over the Range Micro/Hood, to be vented to exterior

Dishwasher: FGHD2433KF Energy STAR 24" Built-In Dishwasher, including dishwasher cord

Washer: FAFW3801LW Energy STAR Residential Front Load Washer

Dryer: FAQG7001LW Residential Gas Dryer

2. Lampert Roofing

Includes: GAF Elk Timberline 30 year HD shingles, Timbertex, Ice & Water shield and 15 lb felt

Shingle Color: Weathered Wood

Shingle Location: House and Existing Garage

3. Lampert Siding

Includes: Pre-primed Hardie Siding and Tyvek Housewrap

Siding Location: House only

Delivery of all materials to the job site is included in pre-purchase. Contractor is responsible for contacting specified vendor to arrange for and take delivery. See attached invoices for specifics and vendor contact information.



** ACKNOWLEDGEMENT **

Order #: S1276778
P/O # : 117 HATCH AVE
Printed: 15:05:53 26 JAN 2012
Page # : 1 of 2
Order Phone: 651-266-6581
Cust. Phone: 651-266-6581

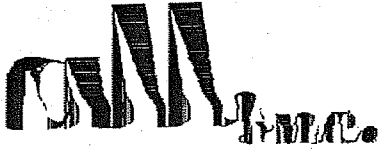
Sold To:
CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
25 WEST 4TH STREET, SUITE 1100
SAINT PAUL, MN 55102
** C.O.D. ** C.O.D. ** C.O.D. **

Ship To:
CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
117 HATCH AVE
SAINT PAUL, MN 55117

| Ordered by | Order Date | Ship Date | Ship Via | Warehouse |
|---------------|---|---------------|-----------------|-------------|
| PER RAGNELLO | 01/24/12 | 12/01/12 | OT DELIVERY | Shp 1 Prc 1 |
| Writer | Salesperson | Release # | Freight Allowed | |
| Edmund Rustin | Ross Agnello | 117 HATCH AVE | No | |
| Ordered | Product Description | Net Prc | Ext Prc | |
| | ***** Shipping Instructions ***** | | | |
| | * **TBD** | | | |
| 1ea | FFHT2126LS FRIGIDAIRE 21CF TOP MOUNT REFRIGERATOR; ESTAR; (STAINLESS) RIGHT HAND HINGE Serial# >>CONFIRM DOOR HINGE<< | | | |
| 1ea | IM115 FRIGIDAIRE ICE MAKER* | | | |
| 1ea | SVC- INSTALL ICE MAKER KIT PRIOR TO DELIVERY: | | | |
| 1ea | FFGF3053LS FRIGIDAIRE 30" GAS RANGE; (STAINLESS)* *SPECIAL ORDER ITEM - NO RETURNS* | | | |
| 1ea | Serial# FFMV162LS FRIGIDAIRE OTR MICROWAVE; (STAINLESS)* | | | |
| 1ea | Serial# FGHD2433KF FRIGIDAIRE GALLERY BUILT IN DISHWASHER; ESTAR; (STAINLESS)* *SPECIAL ORDER ITEM - NO RETURNS* | | | |
| 1ea | Serial# MIEDWC6 6' DISHWASHER/DISPOSAL CORD STRAIGHT CAP; | | | |
| 1ea | SVC- INSTALL POWER CORD PRIOR TO DELIVERY: | | | |
| 1ea | FAFW3801LW FRIGIDAIRE 3.8CF AFFINITY FRONT LOAD WASHER; (WHITE) *SPECIAL ORDER ITEM - NO RETURNS* | | | |
| | Serial# | | | |

*** Continued on Next Page ***

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** ACKNOWLEDGEMENT **

Order #: S1276778
P/O # : 117 HATCH AVE
Printed: 15:05:53 26 JAN 2012
Page # : 2 of 2
Order Phone: 651-266-6581
Cust. Phone: 651-266-6581

Sold To:

CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
25 WEST 4TH STREET, SUITE 1100
SAINT PAUL, MN 55102

Ship To:

CITY OF ST. PAUL
DEPT PLANNING ECONOMIC / HRA
117 HATCH AVE
SAINT PAUL, MN 55117

** C.O.D. ** C.O.D. ** C.O.D. **

| | | | | |
|----------------------------|-----------------------------|----------------------------|-------------------------|--------------------------|
| Ordered by PER RAGNELLO | Order Date 01/24/12 | Ship Date 12/01/12 | Ship Via OT DELIVERY | Warehouse Shp 1 Prc 1 |
| Writer Edmund Rustin | Salesperson Ross Agnello | Release # 117 HATCH AVE | Freight Allowed No | |

| | |
|---------|--|
| Ordered | Product Description |
| 1ea | FAQG7001LW FRIGIDAIRE AFFINITY FRONT LOAD GAS DRYER; (WHITE) *SPECIAL ORDER ITEM - NO RETURNS* |
| | Serial# |
| 4ea | SVC- UNCRATE AND SET: (free standing product only / built-ins left in carton) |
| 2ea | SVC- DROP DELIVERY: (no uncrate and set - drop only) |
| 1ea | SVC- INSTALL ANTI-TIPS: |
| 1ea | LABOR CHARGE / TAXABLE |
| -1ea | DISCOUNT: |

SUBTOTAL
SALES TAX

Total Amount

.. Reprint .. Reprint .. Reprint .. Reprint ..



Lumber • Building Materials

Lamperts

Yard Delivery Order

9220 Hudson Blvd.
Lake Elmo MN 55042
Phone: 651-739-5400 Fax: 651-739-0267

KEEP RECEIPTS FOR
RETURNS/EXCHANGES

Invoice #:
Invoice Date: 01/26/2012

Customer Master Account #: 5154158
Customer Job Account #: 5154160

Sold To: CITY OF ST PAUL
PLANNING & ECON DEVELOP

St Paul, MN 55102

Ship To: CITY OF ST PAUL
117 HATCH
ROOFING
St Paul, MN 55102

| Store No | Order Ref | Order Date | Customer PO | Sales Rep | Payment Terms | Invoice Type |
|----------|-----------|------------|-------------|-----------|----------------|----------------|
| 11 | 11257811 | | | 207 | STATEMENT DATE | YARD/DEL ORDER |

| Item No | Qty Ordered | Qty Shipped | B/O | U/M | Description | Unit Price | Total |
|----------|-------------|-------------|-----|------|--|------------|-------|
| | | | | | 117 HATCH ROOFING FOR HOUSE & EXIST GARAGE | | |
| 07440070 | 69 | 69 | | BDL | GAF TIMBERLN HI-DF WEATHERD WD (23 SQR TOTAL) | | |
| 07410070 | 4 | 4 | | BDL | GAF/ELK TIMBERTEX 20' WEATHR WD | | |
| 07110250 | 4 | 4 | | EACH | GENERIC ICE&WATER GRAN 2SQ 3'X66 | | |
| 07100040 | 8 | 8 | | ROLL | FELT NO.15-36IN ASPHALT 4SQ | | |
| | | | | | Total Ship Units: 6350.000 LB | | |

| Filed By | Checked By | Shipped By |
|----------|------------|------------|
| | | |

| Ship Via: |
|-----------|
| |

| AUTH: | OT: ALEX BOETTCHER |
|-------|--------------------|
| | |

Customer
Signature: _____

Date: ____/____/____



11257811
CUSTOMER COPY



Lumber • Building Materials

Lamperts

Yard Delivery Order

9220 Hudson Blvd.
Lake Elmo MN 55042
Phone: 651-739-5400 Fax: 651-739-0267

KEEP RECEIPTS FOR
RETURNS/EXCHANGES

Invoice #:

Invoice Date: 01/27/2012

Customer Master Account #: 5154158

Customer Job Account #: 5154160

Sold To: CITY OF ST PAUL
PLANNING & ECON DEVELOP

St Paul, MN 55102

Ship To: CITY OF ST PAUL

117 HATCH

SIDING

St Paul, MN 55102

| Store No. | Order Ref | Order Date | | | Customer PO | Sales Rep | Payment Terms | Invoice Type |
|-----------|-------------|-------------|-----|-----|-------------|------------|----------------|----------------|
| 11 | 11257871 | | | | | 207 | STATEMENT DATE | YARD/DEL ORDER |
| Item No. | Qty Ordered | Qty Shipped | B/O | U/M | Description | Unit Price | Total | |
| | | | | | 117 HATCH | | | |

| | | | | | | | |
|----------|-----|-----|--|------|--|--|--|
| 06450015 | 233 | 233 | | EACH | 117 HATCH SIDING FOR HOUSE ONLY. | | |
| 27558040 | 2 | 2 | | ROLL | HARDI SDG 5/16X7-1/4X12 CDRMI (14 SQR TOTAL) HOUSEWRAP 9'X100' TYVEK | | |

Order

| | | | |
|----------|------------|------------|-----------|
| Filed By | Checked By | Shipped By | |
| | | | Ship Via: |

AUTH:

OT: ALEX BOETTCHER

Customer
Signature: _____

Date: ____ / ____ / ____



11257871
CUSTOMER COPY

Home Energy Rating Certificate

117 Hatch Ave
Saint Paul, MN 55106



Uniform Energy Rating System

| 1 Star | 1 Star Plus | 2 Stars | 2 Stars Plus | 3 Stars | 3 Stars Plus | 4 Stars | 4 Stars Plus | 5 Stars | 5 Stars Plus |
|---------|-------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|
| 500-401 | 400-301 | 300-251 | 250-201 | 200-151 | 150-101 | 100-91 | 90-86 | 85-71 | 70 or Less |

HERS Index: 153

General Information

| | | | |
|---------------------|-----------------|-------------|------------------------|
| Conditioned Area: | 1824 sq. ft. | House Type: | Single-family detached |
| Conditioned Volume: | 13315 cubic ft. | Foundation: | Conditioned basement |
| Bedrooms: | 2 | | |

Mechanical Systems Features

| | |
|--------------------------|--|
| Heating: | Fuel-fired air distribution, Natural gas, 80.0 AFUE. |
| Water Heating: | Conventional, Natural gas, 0.55 EF, 40.0 Gal. |
| Cooling: | Air conditioner, Electric, 10.0 SEER. |
| Duct Leakage to Outside: | RESNET/HERS default |
| Ventilation System: | None |
| Programmable Thermostat: | Heating: No Cooling: No |

Building Shell Features

| | | | |
|--------------------|-------------------------|----------------|---------------------------|
| Ceiling Flat: | R-11 | Exposed Floor: | NA |
| Vaulted Ceiling: | NA | Window Type: | D W Op |
| Above Grade Walls: | R-0 | Infiltration: | |
| Foundation Walls: | R-0.0 | Rate: | Htg: 2408 Cfg: 2408 CFM50 |
| Slab: | R-0.0 Edge, R-0.0 Under | Method: | Blower door test |

Lights and Appliance Features

| | | | |
|----------------------------|--------|-------------------------|-------------|
| Percent Interior Lighting: | 0.00 | Range/Oven Fuel: | Natural gas |
| Percent Garage Lighting: | 0.00 | Clothes Dryer Fuel: | Natural gas |
| Refrigerator (kWh/yr): | 776.00 | Clothes Dryer EF: | 3.01 |
| Dishwasher Energy Factor: | 0.00 | Ceiling Fan (cfm/Watt): | 0.00 |

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v12.98

This information does not constitute any warranty of energy cost or savings.
© 1985-2012 Architectural Energy Corporation, Boulder, Colorado.

Registry ID:

Rating Number:

Certified Energy Rater: Jimmie Sparks

Rating Date: 3/30/12

Rating Ordered For: City of Saint Paul

Estimated Annual Energy Cost

| As Is | | | |
|-------------------|-------|--------|---------|
| Use | MMBtu | Cost | Percent |
| Heating | 173.0 | \$1430 | 65% |
| Cooling | 2.8 | \$61 | 3% |
| Hot Water | 16.6 | \$133 | 6% |
| Lights/Appliances | 24.5 | \$463 | 21% |
| Photovoltaics | -0.0 | \$-0 | -0% |
| Service Charges | | \$120 | 5% |
| Total | | \$2207 | 100% |

This home meets or exceeds the minimum
criteria for all of the following:

TITLE

Company
Address
City, State, Zip
Phone #
Fax #

Home Energy Rating Certificate

117 Hatch Ave
Saint Paul, MN 55106



5 Stars

Projected Rating

Uniform Energy Rating System

| 1 Star | 1 Star Plus | 2 Stars | 2 Stars Plus | 3 Stars | 3 Stars Plus | 4 Stars | 4 Stars Plus | 5 Stars | 5 Stars Plus |
|---------|-------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|
| 500-401 | 400-301 | 300-251 | 250-201 | 200-151 | 150-101 | 100-91 | 90-86 | 85-71 | 70 or Less |

HERS Index: 84

General Information

| | | | |
|---------------------|-----------------|-------------|------------------------|
| Conditioned Area: | 1824 sq. ft. | House Type: | Single-family detached |
| Conditioned Volume: | 13315 cubic ft. | Foundation: | Conditioned basement |
| Bedrooms: | 2 | | |

Mechanical Systems Features

Heating: Fuel-fired air distribution, Natural gas, 95.0 AFUE.
Water Heating: Conventional, Natural gas, 0.67 EF, 40.0 Gal.
Cooling: Air conditioner, Electric, 16.0 SEER.
Duct Leakage to Outside: RESNET/HERS default
Ventilation System: Exhaust Only: 50 cfm, 13.0 watts.
Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

| | | | |
|--------------------|-------------------------|----------------|---------------------------|
| Ceiling Flat: | R-50 | Exposed Floor: | NA |
| Vaulted Ceiling: | NA | Window Type: | D W Op (LoE) |
| Above Grade Walls: | R-13 | Infiltration: | |
| Foundation Walls: | R-0.0 | | |
| Slab: | R-0.0 Edge, R-0.0 Under | Rate: | Htg: 1500 Cfg: 1500 CFM50 |
| | | Method: | Blower door test |

Lights and Appliance Features

| | | | |
|----------------------------|--------|-------------------------|-------------|
| Percent Interior Lighting: | 100.00 | Range/Oven Fuel: | Natural gas |
| Percent Garage Lighting: | 0.00 | Clothes Dryer Fuel: | Natural gas |
| Refrigerator (kWh/yr): | 446.00 | Clothes Dryer EF: | 3.01 |
| Dishwasher Energy Factor: | 0.00 | Ceiling Fan (cfm/Watt): | 0.00 |

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

REM/Rate - Residential Energy Analysis and Rating Software v12.98

This information does not constitute any warranty of energy cost or savings.
© 1985-2012 Architectural Energy Corporation, Boulder, Colorado.

Registry ID:

Rating Number:

Certified Energy Rater: Jimmie Sparks

Rating Date: 3/30/12

Rating Ordered For: City of Saint Paul

Estimated Annual Energy Cost

| Projected Rating | | |
|-------------------|-------|---------|
| Use | MMBtu | Cost |
| Heating | 89.8 | \$738 |
| Cooling | 1.5 | \$33 |
| Hot Water | 13.3 | \$106 |
| Lights/Appliances | 20.0 | \$363 |
| Photovoltaics | -0.0 | \$-0 |
| Service Charges | | \$120 |
| Total | | \$1360 |
| | | Percent |
| | | 54% |
| | | 2% |
| | | 8% |
| | | 27% |
| | | -0% |
| | | 9% |
| | | 100% |

This home meets or exceeds the minimum
criteria for all of the following:

TITLE

Company

Address

City, State, Zip

Phone #

Fax #

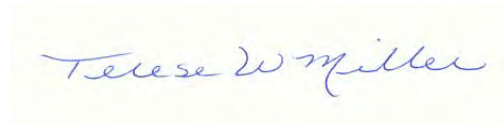
ASBESTOS AND LEAD-BASED PAINT SURVEY

117 Hatch Street
St. Paul, Minnesota

Prepared for:

City of St. Paul
Department of Planning and Economic Development
1100 City Hall Annex
25 West 4th Street
St. Paul, Minnesota 55102-1623

Submitted by:



Terese W. Miller
Principal Consultant, CEO



St. Croix Environmental, Inc.
1094 Golden Oaks Drive
Hudson, Wisconsin 54016

January 27, 2012

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| 3.1. Lead-Based Paint Sampling | 2 |
| 3.2. Lead-Based Paint Results | 2 |
| 4. Definitions..... | 2 |
| 5. Inspection and Sampling Limitations..... | 3 |

APPENDICES

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| Appendix I | Asbestos Survey Report |
| Appendix II | Lead-Based Paint Testing Report |

1. Introduction

St. Croix Environmental, Inc. (SCE) was retained by the City of St. Paul (the City) to administer a Survey of the property located at 117 Hatch Street in St. Paul, Minnesota (the Site). The Site is occupied by single-family dwelling which is scheduled for rehabilitation.

The purpose of the work was to evaluate building materials suspected to contain asbestos and lead-based paint as follows:

- Identify asbestos containing materials (ACM) at the Site as defined by the Environmental Protection Agency (EPA), Minnesota Pollution Control Agency (MPCA), and the Minnesota Department of Health (MDH).
- Identify surfaces that contain lead-based paint prior to rehabilitation in accordance with US Department of Housing and Urban Development (HUD) guidelines.

The work did not include a survey for hazardous materials other than asbestos or lead-based paint.

2. Asbestos Survey

On January 16, 2012, Richard Fink and Matt Erickson, Minnesota Department of Health (MDH) Certified Asbestos Inspectors with Peer Engineering, Inc. completed the building survey and sampling activities.

2.1. ACM Sampling

A list of the suspect asbestos materials that were sampled can be found in **Appendix I**. Materials other than those listed, and not sampled, were either: 1) not considered suspect for asbestos content (e.g. fiberglass insulation, concrete, brick, plastic); or, 2) inaccessible, such as materials in wall cavities, confined spaces, or locked rooms/areas. If suspect asbestos containing materials other than those listed and sampled are discovered at the Site, they should be considered asbestos containing until testing proves otherwise.

The samples were analyzed for asbestos content by EPA Method 600/R-93/116, at Schneider Laboratories, Richmond, Virginia. Schneider's laboratory is accredited for asbestos bulk material analysis under the National Institute of Sciences' National Voluntary Laboratory Accreditation Program (NVLAP). The analytical method's lower detection limit is one-percent asbestos by volume. The method provides a visual estimation of asbestos in the material sample.

2.2. ACM Results

A copy of the analytical laboratory report is included in **Appendix I**. The sample location diagram is also included the appendix.

The following materials were found to contain asbestos:

Brown/ white/ green floor sheeting in kitchen (sample 7), 250 square feet

3. Lead-Based Paint Survey

On January 16, 2012, Matt Erickson, a Minnesota-licensed lead risk assessor with Peer Engineering, Inc., performed a HUD lead-based paint inspection and risk assessment of the property. At the request of the City of Saint Paul (City), this report provides information in accordance with HUD guidelines regarding the identification of lead-based paint.

3.1. Lead-Based Paint Sampling

Observations for lead-based paint, conducted in accordance with HUD guidelines, include a description of condition. Based on current regulatory definitions, lead-based paint is defined as paint containing lead concentrations equal to or greater than 1.0 milligrams per square centimeter (mg/cm²) when using a Niton XL X-ray fluorescence (XRF) analyzer. The XRF provides the measured lead concentration in weight of lead per unit area.

3.2. Lead-Based Paint Results

The following table summarizes lead-based paint testing results. Complete results of the XRF analyzer are presented in **Appendix II**.

| Tested Building Component | Number of Test Locations | Positive Results | Negative Results | LBP Classification |
|--|--------------------------|------------------|------------------|--------------------|
| Plaster Walls | 12 | 0 | 12 | Negative |
| Interior Wood Walls | 12 | 0 | 12 | Negative |
| Interior Concrete Walls | 5 | 0 | 5 | Negative |
| Radiators | 2 | 0 | 2 | Negative |
| Interior Drywall Walls and Ceilings | 14 | 4 | 10 | Positive |
| Ceramic Walls | 5 | 4 | 0 | Positive |
| Metal Kitchen Walls | 2 | 0 | 2 | Negative |
| Wood Porch Walls | 5 | 5 | 0 | Positive |
| Wood Porch Ceiling | 1 | 1 | 0 | Positive |
| Wood Basement Stairway Components | 2 | 2 | 0 | Positive |
| Wood Window Components | 15 | 3 | 12 | Positive |
| Wood Doors and Components | 9 | 3 | 6 | Positive |
| Concrete floor | 1 | 0 | 1 | Negative |
| Concrete Column | 1 | 0 | 1 | Negative |
| Wood Beams | 2 | 0 | 2 | Negative |
| Wood Baseboards | 3 | 0 | 3 | Negative |
| Wood Arch | 1 | 0 | 1 | Negative |
| Exterior Siding (Wood under new siding) | 6 | 6 | 0 | Positive |
| Misc Wood Interior Chair Rails and Shelves | 3 | 0 | 3 | Negative |
| Pipe | 1 | 0 | 1 | Negative |

4. Definitions

The following definitions apply to this report:

- The EPA/MPCA/MDH defines ACM as any material that contains greater than one percent asbestos by volume. Materials found to contain one percent or less asbestos by volume are not regulated as ACM by EPA/MPCA/MDH.
- Friable ACM is defined as any material that contains greater than one percent asbestos, and which can be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos. Category I non-friable ACM is not allowed to remain in place during renovation/rehabilitation if it is in a condition where the renovation/rehabilitation activities might cause it to become friable.
- Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to a powder by hand pressure. Category II nonfriable ACM is not allowed to remain in place during renovation or rehabilitation if it has a high probability of becoming crumbled, pulverized, or reduced to a powder during renovation, rehabilitation, transport, or disposal.

5. Inspection and Sampling Limitations

This survey report is intended to describe lead-based paint and ACM that may be present at the subject site, including those that may be impacted during renovation or rehabilitation activities. Services performed by the consultant were conducted in accordance with generally recognized industry standards and current MPCA and MDH guidelines, and in a manner consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances and under similar budget and time constraints. No other warranty is made or intended.

The survey is not intended to be technically exhaustive and no representation is made to the client, expressed or implied, and no warranty or guarantee is included or intended. It is possible that some materials were not identified during the course of the inspection at this site. Such unidentified materials would be those that are hidden from view, such as floor tile under floor tile or carpet, pipe insulation in wall cavities, materials out of reach in high ceiling areas, materials located under or behind finish materials, or materials inadvertently overlooked. Building materials known to possibly contain asbestos or lead-based paint which were not sampled as part of this survey should be assumed to be asbestos or lead containing until proven otherwise.

The consultant and/or inspector for this survey are not held responsible or liable for any repairs or replacements with regards to this property, systems, components, or the contents therein. Material samples were analyzed by an independent outside laboratory; the results of their analyses are presented herein. While we choose an established, reputable and certified lab to perform the sample analysis, SCE does not warrant the accuracy of the laboratory results.

The information contained in this report represents the consultant's best efforts to determine the presence of lead-based paint and ACM at the site given the site conditions. No inspection was carried out of flues, chutes, ducts, voids and any similar enclosed areas, the access to which would necessitate the use of specialist equipment or tools, or which would have caused damage to decoration, fixtures, fittings or the structure of the building. We are therefore unable to report on the presence of asbestos or lead in these areas, and accept no responsibility for the presence of such.

ASBESTOS SURVEY

117 Hatch Street
St. Paul, Minnesota

Prepared For:

St. Croix Environmental Inc.
1094 Golden Oaks Drive
Hudson, WI 54016

January 20, 2012

ASBESTOS SURVEY
117 HATCH STREET
ST. PAUL, MINNESOTA

Prepared For:

St. Croix Environmental Inc.
1094 Golden Oaks Drive
Hudson, WI 54016

Prepared by:

Peer Engineering, Inc.
7615 Golden Triangle Drive, Suite N
Eden Prairie, Minnesota 55344
(952) 831-3341

January 20, 2012

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| 3.0 | STANDARD OF CARE & QUALIFICATIONS..... | 4 |

LIST OF APPENDICES

Appendix A – Asbestos Summary Table
Appendix B – Asbestos Analytical Results
Appendix C – Asbestos Sample Locations
Appendix D – Summary of Qualifications

1.0 INTRODUCTION

Peer Engineering, Inc. (Peer) was retained by St. Croix Environmental to conduct asbestos sampling at the residential dwelling located at 117 Hatch Street, St. Paul, Minnesota (the Site). The Site is occupied by a one-story residential structure and a detached garage. The dwelling and garage were vacant at the time of the survey. Peer understands that the dwelling may be renovated.

The work performed as part of this project was completed to meet the following objectives:

1. Identify friable and non-friable asbestos-containing materials (ACM) at the Site as defined by the Environmental Protection Agency (EPA), Minnesota Pollution Control Agency (MPCA), and the Minnesota Department of Health (MDH).
2. Identify regulated ACM (friable or non-friable) at the Site that could become friable during renovation activities, and according to current State and Federal regulations, would require abatement prior to initiating renovation activities.

This report summarizes the findings of our sampling.

2.0 SURVEY INFORMATION

Mr. Richard Fink and Mr. Matt Erickson, MDH Certified Asbestos Inspectors, completed the building survey and associated sampling activities on January 16, 2012. A walk-through reconnaissance of the structures was conducted to identify suspect ACM.

2.1 GENERAL INFORMATION AND DEFINITIONS

For the purpose of this assessment, the structures were considered as one functional area as defined by the Asbestos Hazard Emergency Response Act (AHERA). Upon completion of the reconnaissance, the suspect ACM was assessed, inventoried, and sampled for laboratory analysis.

The following definitions apply to this report:

- ♦ The EPA defines ACM as any material that contains greater than one percent asbestos. Materials found to contain one percent or less asbestos are not regulated as ACM.
- ♦ Friable ACM is defined as any material that contains greater than one percent asbestos, and which can be crumbled, pulverized, or reduced to powder by hand pressure.
- ♦ Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent

asbestos. Category I non-friable ACM is not allowed to remain in place during renovation or demolition if it is in a condition where the renovation/demolition activities might cause it to become friable.

- ♦ Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to a powder by hand pressure. Category II non-friable ACM is not allowed to remain in place during renovation or demolition if it has a high probability of becoming crumbled, pulverized, or reduced to a powder during renovation, demolition, transport, or disposal.

2.2 SAMPLING AND ANALYTICAL TESTING

Non-Suspect Material

The following materials were determined to be non-suspect ACM and were not targeted for sampling during this inventory:

- ♦ Wood floor, ceiling, and/or walls.
- ♦ Concrete floors.

2.3 SAMPLING AND ANALYTICAL TESTING

Suspect ACM Targeted for Sampling

The following is a list of readily identifiable suspect ACM that was identified and subsequently sampled:

- ♦ Vapor barrier.
- ♦ Ceiling texture.
- ♦ Drywall.
- ♦ Various types of countertop materials.
- ♦ Plaster walls.
- ♦ Various types of adhesives.
- ♦ Various types of floor tiles.
- ♦ Various types of vinyl sheet flooring.
- ♦ Various types of ceiling tiles.
- ♦ Various types of caulk.
- ♦ Window glaze.
- ♦ Baseboards.

The sampled building materials were observed to be in predominately fair condition. It is noted that only limited destructive testing was conducted since City of St. Paul plans to renovate the Site, thus other unidentified materials may also be present.

Sample Analysis

A total of 31 bulk samples were submitted for laboratory analysis. Some of the bulk samples consisted of several layers. A total of 37 samples (including layers) were analyzed using polarized light microscopy (PLM) in accordance with EPA analytical protocol {EPA-600 R93/116} by Schneider Laboratories Global Inc. of Richmond, Virginia. Materials that were analyzed and found to contain **one percent or less** asbestos are considered “non-asbestos” per current State and Federal regulations. Materials that were found to contain **greater than one percent** asbestos are considered to be ACM.

Under current Federal regulations, if the PLM results detect asbestos at a concentration of less than 10% in one or more of the samples from any sample unit, the owner or operator of the building may (1) elect to assume the amount to be greater than 1% and treat the material as ACM or (2) require verification of the amount by utilizing the Point-Count Method. If the Point-Count Method analysis determines that the concentration of asbestos is greater than one percent, the material will be determined to be regulated ACM. If the Point-Count Method analysis determines that the concentration of asbestos is one percent or less, the material will be determined to be unregulated and non-asbestos containing.

An Asbestos Summary Table is included in **Appendix A**. Copies of the analytical laboratory report are included as **Appendix B**. A sample location diagram is included as **Appendix C**.

2.4 RESULTS

ACM (Confirmed by Sampling and Analysis)

The following building materials sampled from the structures were determined to be ACM based on the definitions provided in current State and Federal regulations:

Friable ACM

- ♦ Brown/white/green floor sheeting in kitchen (sample 7), 250 square feet.

Non-Friable ACM (Category I)

No building materials sampled from the structure were determined to be Non-Friable ACM (Category I).

Non-Friable ACM (Category II)

No building materials sampled from the structure were determined to be Non-Friable ACM (Category II).

Non-ACM (Confirmed by Sampling and Analysis)

The building materials sampled from the structure were determined to be non-ACM based on the definitions provided in current State and Federal regulations (see **Appendix A** for specific samples).

2.5 LIMITATIONS

The observations and sampling activities conducted during this project are not intended to represent a comprehensive destructive asbestos building survey as defined by the EPA, MPCA, MDH, or other regulatory agencies.

Spaces above ceilings, beneath floors, and within walls were not accessed during this survey. Thus, there is a potential for encountering unidentified suspect ACM in interstitial spaces behind walls and ceilings and/or beneath observed flooring during future renovation activities. The high pitched roof was not accessed during this survey, thus, there is the potential for unidentified suspect ACM to be present on the roof. Peer did not disassemble furnaces, water heaters, or household equipment or appliances. There is a potential for ACM components (in addition to those sampled) to be present inside of these components.

Based on these limitations, the quantities listed in this survey reflect the visibility available at the time of the survey. All quantities in this survey are estimations and should not be considered exact measurements when used for obtaining abatement bids.

3.0 STANDARD OF CARE & QUALIFICATIONS

Services performed by Peer have been conducted in accordance with generally recognized industry standards and current MPCA and MDH guidelines, where applicable. The services performed by Peer have been conducted with the level of care and skill ordinarily exercised by reputable members of the profession, practicing in the same locality under similar budget and time constraints. No other warranty is made or intended.

A summary of corporate and individual qualifications for Peer and the individuals associated with this project is included in **Appendix D**.

Prepared by:



Richard F. Fink
Environmental Professional
MDH Asbestos Inspector No.: AI11812



Matthew P. Erickson
Senior Environmental Professional
MDH Asbestos Inspector No.: AI3098

APPENDIX A

| ASBESTOS SUMMARY TABLE - 117 Hatch St, St. Paul, MN | | | | | |
|---|---|---|-------------------------------------|-------------------------------|----------|
| SAMPLE REFERENCE NUMBER | SUSPECT MATERIAL | LOCATION | % ASBESTOS ANALYTICAL RESULTS | FRIABLE OR NON- FRIABLE | QUANTITY |
| 1 | White floor sheeting | Porch | ND | NA | NA |
| 2 | White window caulk | Porch | ND | NA | NA |
| 3A-3C | White ceiling texture | Family room | ND | NA | NA |
| 4A-4C | Plaster Walls | Family room, Bedroom 1 and bedroom 2 | ND | NA | NA |
| 5 | Black vapor barrier | TO | ND | NA | NA |
| 6 | 6X6 light brown and dark brown spots floor sheeting | Closet 3 | ND | NA | NA |
| 7 | Brown/white/green floor sheeting | Kitchen | 20% | F | 250 SF |
| 8 | White with gold spots countertops | Kitchen | ND | NA | NA |
| 9 | Brown with multicolor spots floor sheeting | Pantry | ND | NA | NA |
| 10 | 9X9 white ceiling tile | Pantry | ND | NA | NA |
| 11 | Tan wall paper | Bathroom | ND | NA | NA |
| 12A-12C | White ceiling texture | Bathroom | ND | NA | NA |
| 13 | Pink ceramic wall tile with mastic | Bathroom | ND | NA | NA |
| 14 | Black BB with mastic | Bathroom | ND | NA | NA |
| 15 | Black floor tile with mastic | Bathroom | ND | NA | NA |
| 16 | 9X9 white with brown ceiling tile | Back Entryway | ND | NA | NA |
| 17 | Brown floor sheeting with mastic | Basement | ND | NA | NA |
| 18 | Stick on floor tile | Basement | ND | NA | NA |
| 19 | Misc weather strip | Basement | ND | NA | NA |
| 20 | drywall | TO | ND | NA | NA |
| 21A-21B | Plaster walls | Basement | ND | NA | NA |
| 22 | White window glaze | Exterior | ND | NA | NA |
| 23 | White foundation caulk | Exterior | ND | NA | NA |

ND - Not detected at or above the laboratory detection limits.

SF - Square Feet.

LF - Linear Feet.

APPENDIX B

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LABORATORY ANALYSIS REPORT

Asbestos Identification by EPA Method¹ 600/R-93/116

Using SLI A6

ACCOUNT #: 3556-12-48
CLIENT: St. Croix Environmental, Inc.
ADDRESS: 1094 Golden Oaks Drive
Hudson, WI 54016
PROJECT NAME: City of St. Paul, MN
JOB LOCATION: 117 Hatch St
PROJECT NO.: 21063.01
PO NO.:

DATE COLLECTED: 1/16/2012
DATE RECEIVED: 1/18/2012
DATE ANALYZED: 1/19/2012
DATE REPORTED: 1/19/2012

SampleType: BULK

| Client Sample No. | SLI Sample/ Layer ID | Sample Identification/ Layer Name | PLM Analysis Results | |
|-------------------------|-------------------------------------|---|----------------------|---------------------------|
| | | | Asbestos Fibers | Other Materials |
| 1 | 31321937 | Porch | | |
| Layer 1: | Sheet Flooring White, Brittle | | None Detected | 100% NON FIBROUS MATERIAL |
| 2 | 31321938 | Porch | | |
| Layer 1: | Window Caulk White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 3A | 31321939 | Family Rm | | |
| Layer 1: | Textured Ceiling White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 3B | 31321940 | Family Rm | | |
| Layer 1: | Textured Ceiling White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 3C | 31321941 | Family Rm | | |
| Layer 1: | Textured Ceiling White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |

Total Number of Pages in Report: 5

Results relate only to samples as received by the laboratory.

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Samples analyzed by the EPA Test Method are subject to the limitations of light microscopy including matrix interference. Gravimetric reduction and correlative analyses are recommended for all non-friable, organically bound materials. This method has a reporting limit of 1% or greater. Visual estimation contains an inherent range of uncertainty. This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other gov't agency endorsement.

| Client Sample No. | SLI Sample/ Layer ID | Sample Identification/ Layer Name | PLM Analysis Results | |
|-------------------------|--|---|----------------------|--|
| | | | Asbestos Fibers | Other Materials |
| 4A | 31321942 | Family Rm | | |
| Layer 1: | Wall Plaster White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 4B | 31321943 | Family Rm | | |
| Layer 1: | Wall Plaster Gray, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| Layer 2: | Skim Coat White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 4C | 31321944 | Closet 1 | | |
| Layer 1: | Wall Plaster Gray, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| Layer 2: | Skim Coat White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 5 | 31321945 | TO | | |
| Layer 1: | Vapor Barrier Black, Bituminous/Fibrous | | None Detected | 45% CELLULOSE FIBER 45% SYNTHETIC FIBER 10% NON FIBROUS MATERIAL |
| 6 | 31321946 | Closet 3 | | |
| Layer 1: | Floor Tile Light Brown, Organically Bound | | None Detected | 100% NON FIBROUS MATERIAL |
| 7 | 31321947 | Kitchen | | |
| Layer 1: | Sheet Flooring Brown/White, Fibrous | | 20% CHRYSOTILE | 25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL |
| 8 | 31321948 | Kitchen | | |
| Layer 1: | Counter Top White/Gold, Hard | | None Detected | 15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL |
| 9 | 31321949 | Pantry | | |
| Layer 1: | Flooring Multi-Colored, Fibrous | | None Detected | 20% CELLULOSE FIBER 25% SYNTHETIC FIBER 55% NON FIBROUS MATERIAL |

Total Number of Pages in Report: 5

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| Client Sample No. | SLI Sample/ Layer ID | Sample Identification/ Layer Name | PLM Analysis Results | |
|-------------------------|---|---|----------------------|---|
| | | | Asbestos Fibers | Other Materials |
| 10 | 31321950 | Pantry | | |
| Layer 1: | Ceiling Tile White, Fibrous | | None Detected | 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL |
| 11 | 31321951 | Bathroom | | |
| Layer 1: | Wallpaper Tan, Fibrous | | None Detected | 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL |
| 12A | 31321952 | Bathroom | | |
| Layer 1: | Textured Ceiling White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 12B | 31321953 | Bathroom | | |
| Layer 1: | Textured Ceiling White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 12C | 31321954 | Bathroom | | |
| Layer 1: | Textured Ceiling White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 13 | 31321955 | Bathroom | | |
| Layer 1: | Tile Pink, Hard | | None Detected | 100% NON FIBROUS MATERIAL |
| Layer 2: | Mastic Tan, Soft | | None Detected | 100% NON FIBROUS MATERIAL |
| 14 | 31321956 | Bathroom | | |
| Layer 1: | Baseboard Black, Rubbery | | None Detected | 100% NON FIBROUS MATERIAL |
| Layer 2: | Baseboard Mastic Brown, Brittle/Soft | | None Detected | 100% NON FIBROUS MATERIAL |
| 15 | 31321957 | Bathroom | | |
| Layer 1: | Floor Tile Black, Rubbery | | None Detected | 100% NON FIBROUS MATERIAL |

Total Number of Pages in Report: 5

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| Client Sample No. | SLI Sample/ Layer ID | Sample Identification/ Layer Name | PLM Analysis Results | |
|-------------------------|---|---|----------------------|---|
| | | | Asbestos Fibers | Other Materials |
| Layer 2: | Mastics Black/Tan, Bituminous/Soft Unable to separate individual layers. | | None Detected | 100% NON FIBROUS MATERIAL |
| 16 | 31321958 | Back Entry | | |
| Layer 1: | Ceiling Tile White, Fibrous | | None Detected | 90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL |
| 17 | 31321959 | Basement | | |
| Layer 1: | Sheet Flooring Brown, Fibrous | | None Detected | 30% CELLULOSE FIBER 5% SYNTHETIC FIBER 65% NON FIBROUS MATERIAL |
| 18 | 31321960 | Basement | | |
| Layer 1: | Floor Tile Brown, Organically Bound | | None Detected | 100% NON FIBROUS MATERIAL |
| 19 | 31321961 | Basement | | |
| Layer 1: | Fibrous Material Beige, Fibrous | | None Detected | 90% SYNTHETIC FIBER 10% NON FIBROUS MATERIAL |
| 20 | 31321962 | Basement | | |
| Layer 1: | Drywall White, Powdery | | None Detected | 3% CELLULOSE FIBER 97% NON FIBROUS MATERIAL |
| Layer 2: | Joint Compound White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 21A | 31321963 | Basement | | |
| Layer 1: | Wall Plaster White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 21B | 31321964 | Basement | | |
| Layer 1: | Wall Plaster White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |
| 21C | 31321965 | Basement | | |
| Layer 1: | Wall Plaster White, Granular | | None Detected | 100% NON FIBROUS MATERIAL |

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| Client Sample No. | SLI Sample/ Layer ID | Sample Identification/ Layer Name | PLM Analysis Results | |
|-------------------------|-----------------------------|---|----------------------|---------------------------|
| | | | Asbestos Fibers | Other Materials |
| 22 | 31321966 | Exterior | | |
| Layer 1: | Window Caulk White, Soft | | None Detected | 100% NON FIBROUS MATERIAL |
| 23 | 31321967 | Exterior | | |
| Layer 1: | Window Caulk White, Soft | | None Detected | 100% NON FIBROUS MATERIAL |

Analyst:


SAMANI ABDELFADEL

Reviewed By:


Hind Eldanaf, Microscopy Supervisor**Total Number of Pages in Report: 5**

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V : \ 862 \ 862899

| | | | |
|--|---|----------------|-------------|
| Submitting Co. | Peer Engineering, INC (for ST. Croix Env) | Lab Use- WO # | 35510-12-48 |
| Bill To: | St. Croix Environmental c/o Kevin Miller | Acct # | |
| 1094 Golden Oaks Dr - Hudson, WI 54016 | | Phone # | |
| | | Fax # & E-mail | |

| | | |
|-------------------|---------------------|--|
| Project Name: | City of St Paul, MN | Special Instructions [include requests for special reporting or data packages] |
| Project Location: | 117 Hatch St | e-mail results to KMiller@stcroixenv.com |
| Project Number: | 21063.01 | |
| PO Number: | | State Of Collection Minnesota |

| Turn Around Time | Matrix / Sample Type (Select ONE) | Tests / Analytes (Select ALL that Apply) | | | |
|--|---|---|--|--|---------------------------|
| <input type="checkbox"/> 2 hours* | All samples on form should be of SAME matrix type. Use additional forms as needed. <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> <input type="checkbox"/> Soil <input type="checkbox"/> | Asbestos Air / Fiber Counts | | Asbestos Bulk / Asb ID | Metals-Total Conc. |
| <input type="checkbox"/> Same day* | | <input type="checkbox"/> PCM (NIOSH 7400) | <input checked="" type="checkbox"/> PLM (EPA 600/R-93/116) | <input type="checkbox"/> Lead | |
| <input type="checkbox"/> 1 business day* | | <input type="checkbox"/> TEM (AHERA) | <input type="checkbox"/> PLM (EPA Point Count) | <input type="checkbox"/> RCRA Metals | |
| <input checked="" type="checkbox"/> 2 business day* | | <input type="checkbox"/> TEM (EPA Level II) | <input type="checkbox"/> PLM (Qualitative only) | <input type="checkbox"/> | |
| <input type="checkbox"/> 3 business days* | | | <input type="checkbox"/> NYELAP 198.1/4/6 | <input type="checkbox"/> | |
| <input type="checkbox"/> 5 business days* | | | <input type="checkbox"/> CAELAP (EPA Interim) | Metals-Extract | |
| <input type="checkbox"/> Full TCLP (10d) | | | <input type="checkbox"/> TEM (Chatfield) | <input type="checkbox"/> TCLP / Lead | |
| <input type="checkbox"/> Weekend* | | | FOR ASBESTOS AIR: | <input type="checkbox"/> TCLP / RCRA Metals | |
| | | | TYPE OF RESPIRATOR | <input type="checkbox"/> TCLP / Full (w/ organics) | |
| | | | USED: | Others | |
| * not available for all tests | | | | | |
| Schedule rush organics, multi-metals & weekend tests in advance. | | | | | |

| Sample # | Date Sampled | Time Sampled | Sample Identification (e.g. Employee, SSN, Bldg, Material) | Wiped Area (ft²) | Type¹ A,B,P,E | Time² Start | Time² Stop | Flow Rate³ Start | Flow Rate³ Stop | Total⁴ Air Vol |
|----------|--------------|--------------|--|------------------|---------------|-------------|------------|------------------|-----------------|----------------|
| 1 | 1-16-12 | | white Floor sheeting - Porch | | | | | | | |
| 2 | | | white window caulk - Porch | | | | | | | |
| 3A | | | white texture ceiling - Family Rm | | | | | | | |
| 3B | | | white texture ceiling - Family Rm | | | | | | | |
| 3C | | | white texture ceiling - Family Rm | | | | | | | |
| 4A | | | Plaster walls - Family Rm | | | | | | | |
| 4B | | | Plaster walls - Family Rm | | | | | | | |
| 4C | | | Plaster walls - closet 1 | | | | | | | |
| 5 | | | Black vapor barrier - TO | | | | | | | |
| 6 | | | 6x6 light brown w/dark brown spots - closet 3 | | | | | | | |
| 7 | | | brown/white/green Floor sheeting - Kitchen | | | | | | | |
| 8 | | | white w/gold spots countertops - Kitchen | | | | | | | |

¹Type: A=area B=blank P=personal E=excursion ²Beginning/End of Sample Period ³Pump Calibration in Liters/Minute ⁴Volume in Liters [time in min * flow in L/min]

| | | | |
|--|---|--|---|
| Sampled by NAME <u>Rick Fink</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>1-16-12</u> | Relinquished to lab by NAME <u>Rick Fink</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>1-16-12</u> | 1 of 3 JAN 18 2012 BY: EADI CHANIZ | <input type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB S205 |
| <input type="checkbox"/> Sample return requested <input type="checkbox"/> Ambient temp <input type="checkbox"/> Ice °C pH Cl <input type="checkbox"/> R <input checked="" type="checkbox"/> S <input type="checkbox"/> X Chain-of-Custody documentation maintained internally within lab. Terms and conditions page 2. | | | |

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| | | | |
|---|---|---------------|--|
| Submitting Co. | Peer Engineering, INC (for ST. Croix Env) | Lab Use- WO # | |
| Acct # | | Phone # | |
| Bill To: St. Croix Environmental c/o Kevin Miller | | Fax # | |
| | | E-mail | |

| | | |
|-------------------|---------------------|--|
| Project Name: | City of St Paul, MN | Special Instructions [include requests for special reporting or data packages] |
| Project Location: | 117 Hatch St | e-mail results to KMiller@stcroixenv.com |
| Project Number: | 21063.01 | |
| PO Number: | | State Of Collection Minnesota |

| Turn Around Time | Matrix / Sample Type (Select ONE) | Tests / Analytes (Select ALL that Apply) | | |
|--|---|---|--|--------------------------------------|
| <input type="checkbox"/> 2 hours* | All samples on form should be of SAME matrix type. Use additional forms as needed. <input type="checkbox"/> Air <input type="checkbox"/> Solid <input type="checkbox"/> Aqueous <input type="checkbox"/> Waste <input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Wastewater <input type="checkbox"/> Hi-Vol Filter (PM10) <input type="checkbox"/> Water, Drinking <input type="checkbox"/> Hi-Vol Filter (TSP) <input type="checkbox"/> Compliance <input type="checkbox"/> Oil <input type="checkbox"/> Wipe <input type="checkbox"/> Paint <input type="checkbox"/> Wipe, Composite <input type="checkbox"/> Sludge <input type="checkbox"/> <input type="checkbox"/> Soil <input type="checkbox"/> | Asbestos Air / Fiber Counts | | Asbestos Bulk / Ash ID |
| <input type="checkbox"/> Same day* | | <input type="checkbox"/> PCM (NIOSH 7400) | <input checked="" type="checkbox"/> PLM (EPA 600/R-93/116) | Metals-Total Conc. |
| <input type="checkbox"/> 1 business day* | | <input type="checkbox"/> TEM (AHERA) | <input type="checkbox"/> PLM (EPA Point Count) | <input type="checkbox"/> Lead |
| <input checked="" type="checkbox"/> 2 business day* | | <input type="checkbox"/> TEM (EPA Level II) | <input type="checkbox"/> PLM (Qualitative only) | <input type="checkbox"/> RCRA Metals |
| <input type="checkbox"/> 3 business days* | | <input type="checkbox"/> Miscellaneous Tests | <input type="checkbox"/> NYELAP 198.1/4/6 | |
| <input type="checkbox"/> 5 business days* | | <input type="checkbox"/> CAELAP (EPA Interim) | Metals-Extract | |
| <input type="checkbox"/> Full TCLP (10d) | | <input type="checkbox"/> TEM (Chatfield) | <input type="checkbox"/> TCLP / Lead | |
| <input type="checkbox"/> Weekend* | | FOR ASBESTOS AIR: | <input type="checkbox"/> TCLP / RCRA Metals | |
| * not available for all tests | | TYPE OF RESPIRATOR | <input type="checkbox"/> TCLP / Full (w/ organics) | |
| Schedule rush organics, multi-metals & weekend tests in advance. | | USED: | Others | |

| Sample # | Date Sampled | Time Sampled | Sample Identification (e.g. Employee, SSN, Bldg, Material) | Wiped Area (ft²) | Type¹ A,B,P,E | Time² Start | Time² Stop | Flow Rate³ Start | Flow Rate³ Stop | Total⁴ Air Vol |
|----------|--------------|--------------|--|------------------|---------------|-------------|------------|------------------|-----------------|----------------|
| 9 | 1-16-12 | | brown w/multicolor spots - Partry | | | | | | | |
| 10 | | | 9x9 white ceiling tile - Partry | | | | | | | |
| 11 | | | tan wall paper - Bathroom | | | | | | | |
| 12A | | | white texture ceiling - Bathroom | | | | | | | |
| 12B | | | white texture ceiling - Bathroom | | | | | | | |
| 12C | | | white texture ceiling - Bathroom | | | | | | | |
| 13 | | | Pink ceramic tile - Bathroom | | | | | | | |
| 14 | | | black B.B w/mastic - Bathroom | | | | | | | |
| 15 | | | black floor tile w/mastic - Bathroom | | | | | | | |
| 16 | | | 9x9 white w/brown ceiling tile - Back Entryway | | | | | | | |
| 17 | | | brown floor sheeting w/mastic - Basement | | | | | | | |
| 18 | | | stick on floor tile - basement | | | | | | | |

¹Type: A=area B=blank P=personal E=excursion ²Beginning/End of Sample Period ³Pump Calibration in Liters/Minute ⁴Volume in Liters [time in min * flow in L/min]

| | | | |
|---|---|---|---|
| Sampled by NAME <u>Rick Fink</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>1-17-12</u> | Relinquished to lab by NAME <u>Rick Fink</u> SIGNATURE <u>[Signature]</u> DATE/TIME <u>1-17-12</u> | 2 of 3 JAN 18 2012 BY: FADI GHRAIZI | <input type="checkbox"/> FX <input type="checkbox"/> UPS <input type="checkbox"/> USM <input type="checkbox"/> HD <input type="checkbox"/> DB WB: <u>[Signature]</u> |
|---|---|---|---|

☐ Sample return requested ☐ Ambient temp ☐ Ice ☐ °C pH ☐ Cl ☐ R ☒ X Chain-of-Custody documentation continued internally within lab. Terms and conditions page 2.

☐ Sample return requested ☐ Ambient temp ☐ Ice °C pH ☐ Cl ☐ R ☒ S ☐ X Chain-of-Custody documentation continues internally within lab. Terms and conditions page 2.

APPENDIX C



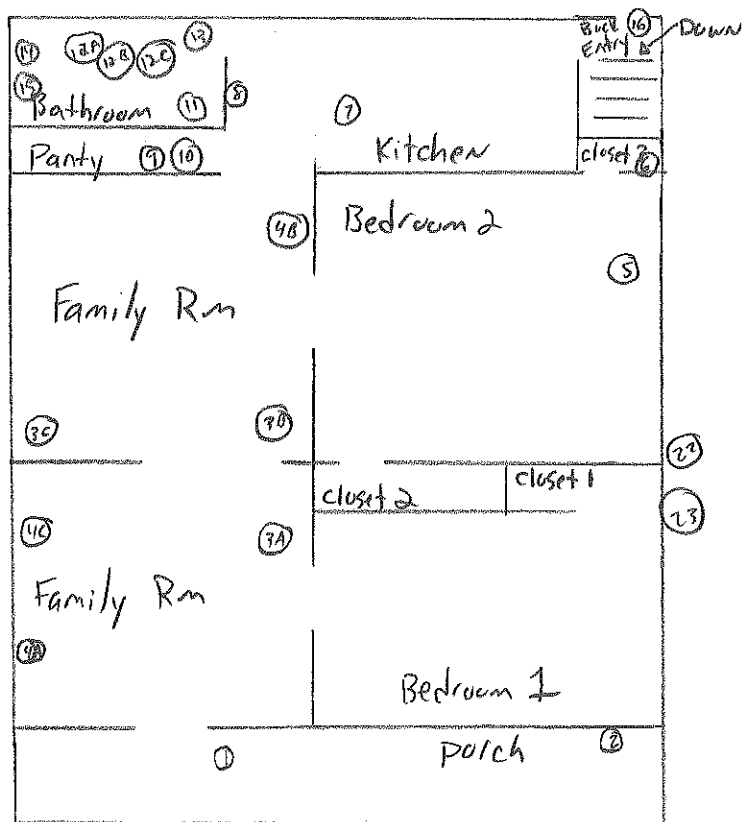
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 117 Hatch

By _____ Date 1-16-12

Asbestos
Sample
Locations



main Floor

Hatch



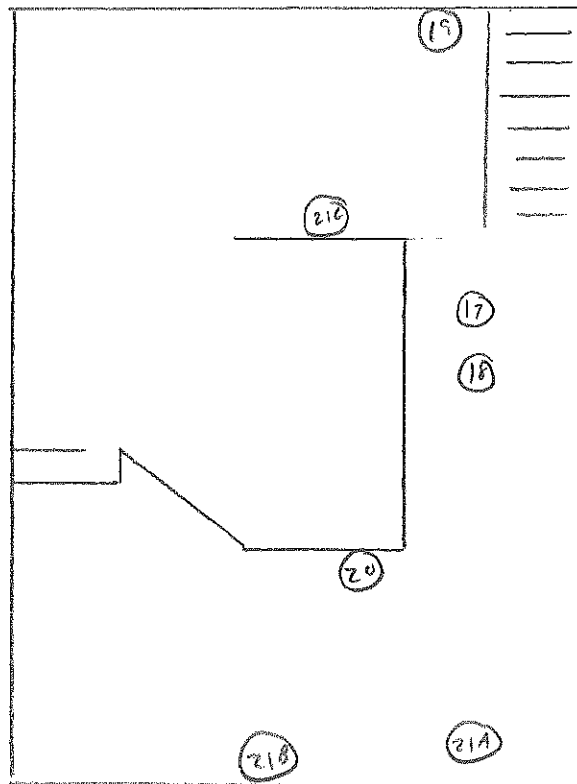
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 117 Hatch

By _____ Date 1-16-12

Asbestos
Sample
Locations



Basement



Hatch



7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
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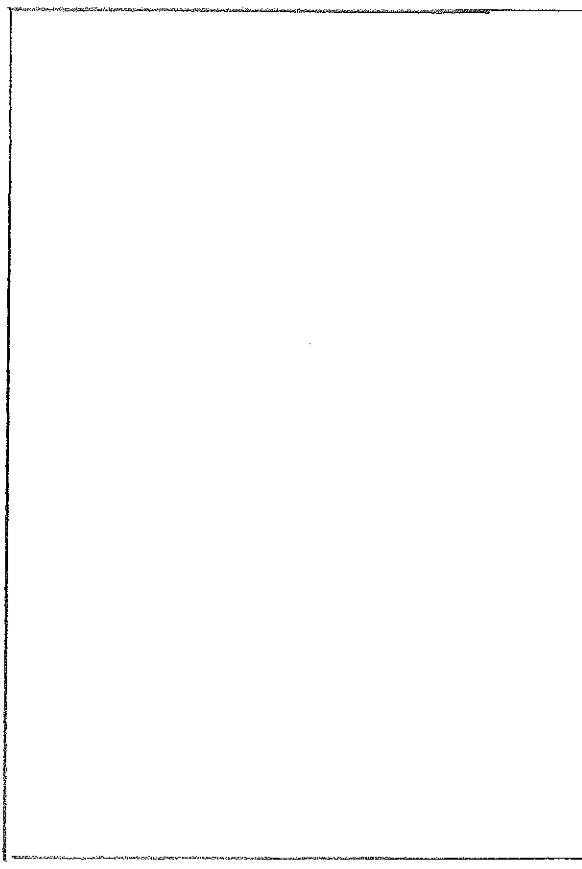
Project No. 21063.01

Sheet _____ of _____

Project Name 117 Hatch

By _____ Date 1-16-12

Asbestos
Sample
Locations



Garage



Hatch

APPENDIX D

QUALIFICATIONS AND EXPERIENCE

Peer was incorporated in the State of Minnesota in March 1991. The company is owned and operated by Stephen T. Jansen, M.S., P.G., and Kenneth A. Larsen, P.E., P.G. Peer is a highly specialized engineering company providing a full range of services including, but not limited to, Phase I Environmental Site Assessments; asbestos, lead based paint and other hazardous materials identification and abatement supervision; radon measurement and mitigation design; underground storage tank identification, abandonment and removal supervision; operations and maintenance (O&M) program development; and soil and groundwater contamination assessment and remediation.

Since our incorporation in 1991, Peer has specialized in providing services to local government, industry, lenders, attorneys, private landowners and others. Peer has completed Phase I Environmental Site assessments of all types of properties including undeveloped, agricultural, single family, multi-family, and commercial office, retail and industrial. Peer has conducted hydrogeologic investigations/studies, and soil/water quality assessments at hundreds of sites located in a vast array of geographical and environmental settings.

Peer has a highly integrated, multi-disciplinary staff of professionals. Peer has completed hundreds of Phase I Environmental Site Assessments of properties using scopes of work designed by HUD, Fannie Mae, Freddie Mac and numerous other lending entities. Our professional staff includes several licensed engineers and geologists, a hydrogeologist and chemist, a soil/materials scientist, a GIS/computer specialist, and sampling technicians who design, perform and directly oversee our projects. Our personnel are licensed as asbestos inspectors, asbestos management planners, lead paint inspectors and lead risk assessors. All technical personnel have completed OSHA 40 hour health and safety training with 8 hour annual refresher courses.



Peer's corporate office is located in Eden Prairie, Minnesota. We have 15 full-time employees. Thirteen are professionals with education, post-graduate training and experience directly related to the environmental field. Two employees are administrative support staff. Being relatively smaller in size, Peer is able to respond quickly to our client's site specific individual needs, yet still provide cost-effective "big picture" services. Our clients also receive direct attention/input from Peer's owners and principals, so there are no unforeseen surprises at the end of the project.

QUALIFICATIONS AND EXPERIENCE

■ SERVICES OVERVIEW

Property Transaction

- Phase I & Phase II Environmental Site Assessments
- Regulatory Assurance Letters
- Property Condition Assessments
- Appraisal Support
- Geotechnical Evaluation

Soil and/or Groundwater Sampling and Remediation

- Risk-Based Cleanup Design
- Cleanup Grant Preparation & Administration
- Petroleum Cleanup Reimbursement
- Regulatory Approvals & Assurance Letters
- Environmental Permits
- Remediation Plans & Specifications
- Remediation & Construction Management
- General Contracting
- Turnkey Remediation

Compliance

- RCRA Permitting & Closure
- Compliance Audits
- Waste Characterization & Disposal
- Petroleum & Chemical Storage Tank System Design
- NPDES Stormwater Permits & Pollution Prevention Plans
- Wastewater Discharge Permits
- Stormwater, Wastewater, & Groundwater Monitoring

Building Demolition & Decontamination

- Asbestos & Lead Paint Surveys
- Hazardous Materials Inventories (electrical equipment, refrigerants)
- Building Contaminant Assessment (PCBs, mercury, mold)
- Abatement Alternative Analysis
- Abatement Plans & Specifications
- Abatement Contractor Management
- Turnkey Abatement

RICHARD F. FINK

ENVIRONMENTAL PROFESSIONAL

EDUCATION

*Bachelor of Arts Degree, Environmental Science,
2004, Metropolitan State University, Minnesota.*

*Associates of Arts Degree, Biology, 1998, Hibbing
Community College, Minnesota*

REGISTRATION/CERTIFICATIONS

*OSHA 40-Hour Hazardous Waste Operations Training
(29 CFR 1910.120).*

*OSHA 8-Hour Hazards of Confined Space Entry (29 CFR
1910.146).*

Minnesota Department of Health Lead Risk Assessor

*Minnesota Department of Health Asbestos Building
Inspector.*

SUMMARY

Mr. Fink provides support for the lead professional for Peer Engineering, Inc.. His primary focus is on providing the highest quality in data acquisition. He has worked for Peer Engineering, Inc. for over seven years and has built up extensive knowledge of flow monitoring programs from his experiences in the field. Mr. Fink as performed industrial wastewater monitoring for over 50 different clients involving over 100 confined space entries and the use of Isco samplers, flow meters and Flowlink software. He has assisted with the equipment installations on our sanitary sewer flow monitoring projects for the past four years. He has sampled over 300 monitoring wells according to MPCA guidelines, using submersibles (12-volt/Redi-flo operated) and low flow bladder pumps.

SELECTED EXPERIENCE

Schmidt Brewery, Saint Paul, Minnesota. Mr. Fink assisted in the completion of a Hazardous Materials Inventory, Asbestos Sampling, and Lead Sampling to facilitate redevelopment of 5 historic buildings at the former Schmidt Brewery in Saint Paul, Minnesota.

The Wilds on the Mississippi River, Riverton, Minnesota. Mr. Fink assisted in the completion of a large scale soil modification creating outlot/green space areas to facilitate a property development at a historical manganese and iron ore mining extraction facility. Specific field activities included defining contamination boundaries through soil collection and analytical testing, overseeing earthwork and excavation events, GPS data point collection, and confirming adequate clean fill was being administered to the outlot/green space areas.

Sanitary Sewer Flow Monitoring – Minneapolis, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Minneapolis Inflow & Infiltration study in the area of the Irving Avenue Lift Station.

Sanitary Sewer Flow Monitoring – South St. Paul, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of South St. Paul Inflow & Infiltration study.

Sanitary Sewer Flow Monitoring – Edina, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Edina Inflow & Infiltration study.

Sanitary Sewer Flow Monitoring – Hugo, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Hugo Inflow & Infiltration study.

Sanitary Sewer Flow Monitoring – Eagan, MN



Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Eagan Hydraulic Capacity study.

Sanitary Sewer Flow Monitoring – Monticello, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the City of Monticello Hydraulic Capacity study.

Sanitary Sewer Flow Monitoring – Fusion Culinary Center, Lakeville, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of a water usage reduction program implemented by the facility.

Sanitary Sewer Flow Monitoring – Hormel Foods, Austin, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of a water usage confirmation program implemented by the facility.

Sanitary Sewer Flow Monitoring – Emerson/Rosemount Corporation, Eden Prairie, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition to challenge a Service Availability Charge (SAC) unit charge imposed by the Metropolitan Council of Environmental Services (MCES)

Diamond Lake Water Quality Study – Minneapolis, MN

Mr. Fink assisted with equipment installation/maintenance, and data acquisition in support of the Mn/DOT Diamond Lake Water Quality study and the Crosstown Reconstruction Project.

Silver Lake Water Quality Study – North St. Paul, MN

Mr. Fink assisted with equipment installation/maintenance, and data acquisition in support of the City of N. St. Paul TMDL Study.

Industrial Wastewater Monitoring

Mr. Fink performs MCES monitoring for fifty different industrial facilities each year. The monitoring involves confined space entries into sanitary sewers, weir construction and installation, flow meters installation/calibrations and programming automated samplers.

Sanitary Sewer Flow Monitoring – MN Zoo, Apple Valley, MN

Mr. Fink assisted with equipment installation/maintenance and data acquisition in support of the MN Zoo Inflow & Infiltration study.



Jenelle S. Buschner
Director, Env. Health Div.



**LEAD
Risk Assessor**

Licensed by:
State of Minnesota
Department of Health

License No. LR4126
Expires 09/30/2012

Richard F Fink
5325 Williston Rd
Minnetonka, MN 55345



Jenelle S. Buschner
Director, Env. Health Div.



**ASBESTOS
INSPECTOR**

Certified by:
State of Minnesota
Department of Health

Expires: 10/03/2012

Richard Frank Fink
5325 Williston Rd
Minnetonka, MN 55345

No. A11812 / Issued: 10/11/2011

Certificate No: 5LM10251109IR

Expiration Date: October 25, 2012

This is to certify that
Matthew P. Erickson
has attended and successfully completed an
ASBESTOS INSPECTOR
REFRESHER TRAINING COURSE

permitted by
the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722
and meets the requirements of
Section 206 of Title II of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

White Bear Lake, MN on October 25, 2011

Examination Date: October 25, 2011

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811

Paul D. M. Zwill
Training Instructor

Certificate No: 5LM11181107PbRAR

Issue Date: November 18, 2011

This diploma is awarded to

Matthew P. Erickson

4808 W 82nd St Bloomington MN 55437

for successfully completing and passing the examination for the

**LEAD (Pb) RISK ASSESSOR
REFRESHER TRAINING COURSE**

*This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)
conducted by*

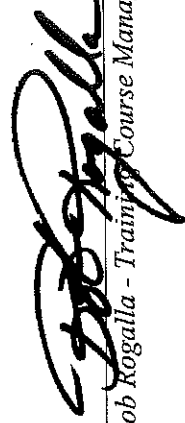
Lake States Environmental, Ltd.

in

White Bear Lake, MN on November 18, 2011

Examination Date: November 18, 2011

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Bob Kogalla - Training Course Manager



LEAD PAINT INSPECTION

Single-Family Residential Dwelling
117 Hatch Street
Saint Paul, Minnesota

January 2012

Prepared for:

St. Croix Environmental

LEAD PAINT INSPECTION
SINGLE-FAMILY RESIDENTIAL DWELLING
117 HATCH STREET
SAINT PAUL, MINNESOTA

JANUARY 24, 2012

Prepared for:

St. Croix Environmental
510 3RD Street
Hudson, WI 54016-1604

Prepared by:

Peer Engineering, Inc.
7615 Golden Triangle Drive, Suite N
Eden Prairie, Minnesota 55344
(952) 831-3341



Prepared by: Matthew P. Erickson
MDH Lead License # LR221

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LIST OF ATTACHMENTS

Attachment

- 1 Lead-Based Paint Testing Data
- 2 Sample Location Sketch
- 3 Certificates

1.0 INTRODUCTION

1.1 PURPOSE

Peer Engineering, Inc. (Peer) was retained by St. Croix Environmental to conduct testing for lead-based paint at the property located at 117 Hatch Street, Saint Paul, Minnesota (the property). The testing results are summarized herein.

1.2 SCOPE OF SERVICES

Peer was authorized by Mr. Kevin Miller of St. Croix Environmental to conduct lead-based paint inspection services at the property. In general, services were conducted in accordance with the HUD document “Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing – Chapter 7: Lead-Based Paint Inspection, 1997 Revision”.

2.0 SITE DESCRIPTION

The Single-Family Residential Dwelling is a one-story wood-frame structure with a full basement.

Painted, stained, or varnished interior architectural building components include wood porch (walls, floor, ceiling), drywall and plaster walls and ceilings, wood doors and window components, wood floors (often under carpets and tiles), wood baseboards, wood stair components, concrete walls and columns in the basement. Ceramic tiles also partially cover bathroom walls.

3.0 INVESTIGATIVE PROCEDURES

Lead-based paint testing was conducted using a Niton Model XLp 703A XRF spectrum analyzer (XRF) {Radioisotope Cd 109 – Activity: 40mCi, dated March 15, 2011}, which measures lead concentrations in milligrams per square centimeter (mg/cm²). Calibration checks of the XRF were frequently conducted and are recorded with the test data included in Attachment 1. XRF sample locations are indicated on the floor sketches included in Attachment 2. No paint chip sampling or laboratory analysis was preformed or required as part of this survey.

Factory applied finished metals and plastic veneers were not tested, with the exception of metal kitchen walls. Wood siding and wood window components were tested in some locations where covered with vinyl and/or metal. Metal or vinyl replacement windows and doors were not tested.

Mr. Matthew Erickson conducted the on-site testing on January 16, 2012. A copy of Mr. Erickson's Minnesota Department of Health Lead certification is included as Attachment 3.

4.0 INVESTIGATION RESULTS

The following tables summarize the lead-based paint testing results (see **Attachment 1** for additional data regarding specific samples):

| Tested Building Component | Number of Test Locations | Positive Results | Negative Results | LBP Classification |
|--|--------------------------|------------------|------------------|--------------------|
| Plaster Walls | 12 | 0 | 12 | Negative |
| Interior Wood Walls | 12 | 0 | 12 | Negative |
| Interior Concrete Walls | 5 | 0 | 5 | Negative |
| Radiators | 2 | 0 | 2 | Negative |
| Interior Drywall Walls and Ceilings | 14 | 4 | 10 | Positive |
| Ceramic Walls | 5 | 4 | 0 | Positive |
| Metal Kitchen Walls | 2 | 0 | 2 | Negative |
| Wood Porch Walls | 5 | 5 | 0 | Positive |
| Wood Porch Ceiling | 1 | 1 | 0 | Positive |
| Wood Basement Stairway Components | 2 | 2 | 0 | Positive |
| Wood Window Components | 15 | 3 | 12 | Positive |
| Wood Doors and Components | 9 | 3 | 6 | Positive |
| Concrete floor | 1 | 0 | 1 | Negative |
| Concrete Column | 1 | 0 | 1 | Negative |
| Wood Beams | 2 | 0 | 2 | Negative |
| Wood Baseboards | 3 | 0 | 3 | Negative |
| Wood Arch | 1 | 0 | 1 | Negative |
| Exterior Siding (Wood under new siding) | 6 | 6 | 0 | Positive |
| Misc Wood Interior Chair Rails and Shelves | 3 | 0 | 3 | Negative |
| Pipe | 1 | 0 | 1 | Negative |

5.0 FINDINGS

Peer conducted this lead-based paint (LBP) inspection at the 117 Hatch Street on January 16, 2012 using the protocol in Chapter 7 of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision). The results of this LBP inspection identified the building components listed as “positive” in Section 4.0 as having lead concentrations of greater than or equal to 1.0 mg/cm^2 HUD criteria for LBP (see **Section 4.0**). The identified “painted” lead-containing components included all exterior wood siding, wood window components, wood doors and door components, all wood components of the front porch, and interior drywall walls and ceilings. The surfaces on the painted components were observed to be in poor condition in many locations. LBP was not detected on any of the other exterior or interior components. It is noted that some painted surfaces may contain levels of lead below 1.0 mg/cm^2 , which could create lead dust or lead-contaminated soil hazards if the paint is turned into dust by abrasion, scraping, or sanding. Based on future renovation, glazed ceramic tile was tested for lead. Lead was detected in the bathroom ceramic tile.

ATTACHMENT 1

LEAD-BASED PAINT TESTING DATA

| Reading No | Time | Type | Duration | Units | Sequence | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Results | PbC | PbC Error | PbL | PbL Error | PbK | PbK Error |
|------------|-----------------|-------------|----------|------------|----------|----------------|----------------|---------|-----------|--------|----------|-------|-------------|------|-------------|------|-----------|
| 1 | 1/16/2012 13:38 | SHUTTER_CAL | 78.52 | cps | Final | calibration | | | | | 3.97 | | 0 | 0.71 | 0 | | 0 |
| 2 | 1/16/2012 13:41 | PAINT | 20.13 | mg / cm ^2 | Final | calibration | | | | | Positive | 1 | 0.1 | 1 | 0.1 | 1.2 | 0.3 |
| 3 | 1/16/2012 13:42 | PAINT | 7.89 | mg / cm ^2 | Final | calibration | | | | | Positive | 1.1 | 0.1 | 1.1 | 0.1 < LOD | | 0.74 |
| 4 | 1/16/2012 13:42 | PAINT | 7.87 | mg / cm ^2 | Final | calibration | | | | | Positive | 1.1 | 0.1 | 1.1 | 0.1 < LOD | | 0.71 |
| 5 | 1/16/2012 13:47 | PAINT | 0.79 | mg / cm ^2 | Final | CEILING | WOOD | CEILING | FAIR | BLUE | Positive | 14.7 | 9 < LOD | | 28.05 | 14.7 | 9 |
| 6 | 1/16/2012 13:49 | PAINT | 0.4 | mg / cm ^2 | Final | WALL | WOOD | A | POOR | WHITE | Positive | < LOD | 33.75 < LOD | | 51.6 < LOD | | 33.75 |
| 7 | 1/16/2012 13:51 | PAINT | 0.4 | mg / cm ^2 | Final | WALL | WOOD WAINSCOAT | A | POOR | WHITE | Positive | < LOD | 23.4 < LOD | | 36.6 < LOD | | 23.4 |
| 8 | 1/16/2012 13:52 | PAINT | 0.4 | mg / cm ^2 | Final | WALL | WOOD WAINSCOAT | B | POOR | WHITE | Positive | < LOD | 26.7 < LOD | | 962.4 < LOD | | 26.7 |
| 9 | 1/16/2012 13:53 | PAINT | 0.79 | mg / cm ^2 | Final | WALL | WOOD WAINSCOAT | D | POOR | WHITE | Positive | 15.5 | 9.5 < LOD | | 33.45 | 15.5 | 9.5 |
| 10 | 1/16/2012 13:54 | PAINT | 2.37 | mg / cm ^2 | Final | WALL | WOOD | C | POOR | WHITE | Positive | 2.8 | 1.8 < LOD | | 0.03 | 2.8 | 1.8 |
| 11 | 1/16/2012 13:55 | PAINT | 1.18 | mg / cm ^2 | Final | WINDOW CASING | METAL | A | INTACT | RED | Negative | < LOD | 0.06 < LOD | | 0.06 < LOD | | 1.99 |
| 12 | 1/16/2012 13:56 | PAINT | 0.79 | mg / cm ^2 | Final | WINDOW CASING | METAL | A | INTACT | WHITE | Positive | < LOD | 12.3 < LOD | | 4.2 < LOD | | 12.3 |
| 13 | 1/16/2012 13:59 | PAINT | 1.18 | mg / cm ^2 | Final | DOOR THRESHOLD | WOOD | A | INTACT | RED | Negative | < LOD | 0.05 < LOD | | 0.05 < LOD | | 2.64 |
| 14 | 1/16/2012 14:00 | PAINT | 1.18 | mg / cm ^2 | Final | DOOR CASING | WOOD | A | FAIR | RED | Negative | < LOD | 0.11 < LOD | | 0.11 < LOD | | 1.95 |
| 15 | 1/16/2012 14:02 | PAINT | 2.76 | mg / cm ^2 | Final | FLOOR | WOOD | A | FAIR | GRAY | Positive | 2.4 | 1.4 | 0.3 | 0.16 | 2.4 | 1.4 |
| 16 | 1/16/2012 14:03 | PAINT | 1.18 | mg / cm ^2 | Final | FLOOR | WOOD | A | FAIR | WHITE | Negative | < LOD | 0.75 < LOD | | 0.75 < LOD | | 3.15 |
| 17 | 1/16/2012 14:04 | PAINT | 0.39 | mg / cm ^2 | Final | DOOR | WOOD | C | FAIR | WHITE | Positive | < LOD | 26.7 < LOD | | 20.25 < LOD | | 26.7 |
| 18 | 1/16/2012 14:09 | PAINT | 1.58 | mg / cm ^2 | Final | COLUMN | WOOD | A | INTACT | WHITE | Positive | 1.8 | 0.7 | 1.8 | 0.7 < LOD | | 4.5 |
| 19 | 1/16/2012 14:14 | PAINT | 2.37 | mg / cm ^2 | Final | WALL | PLASTER | A | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 2.57 |
| 20 | 1/16/2012 14:17 | PAINT | 1.96 | mg / cm ^2 | Final | WALL | PLASTER | B | INTACT | WHITE | Negative | < LOD | 0.04 < LOD | | 0.04 < LOD | | 2.86 |
| 21 | 1/16/2012 14:18 | PAINT | 1.97 | mg / cm ^2 | Final | WALL | PLASTER | C | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 2.89 |
| 22 | 1/16/2012 14:18 | PAINT | 2.36 | mg / cm ^2 | Final | WALL | PLASTER | D | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 2.65 |
| 23 | 1/16/2012 14:19 | PAINT | 1.18 | mg / cm ^2 | Final | WINDOW CASING | WOOD | B | INTACT | BROWN | Negative | < LOD | 0.23 < LOD | | 0.23 < LOD | | 2.96 |
| 24 | 1/16/2012 14:20 | PAINT | 1.18 | mg / cm ^2 | Final | WINDOW APRON | WOOD | B | INTACT | BROWN | Negative | < LOD | 0.19 < LOD | | 0.19 < LOD | | 2.69 |
| 25 | 1/16/2012 14:20 | PAINT | 1.18 | mg / cm ^2 | Final | BASEBOARD | WOOD | B | INTACT | BROWN | Negative | < LOD | 0.17 < LOD | | 0.17 < LOD | | 2.8 |
| 26 | 1/16/2012 14:22 | PAINT | 1.18 | mg / cm ^2 | Final | RADIATOR | METAL | B | INTACT | GOLD | Negative | < LOD | 0.3 < LOD | | 0.3 < LOD | | 3.88 |
| 27 | 1/16/2012 14:24 | PAINT | 1.18 | mg / cm ^2 | Final | DOOR | WOOD | A | INTACT | BROWN | Negative | < LOD | 0.36 < LOD | | 0.36 < LOD | | 2.62 |
| 28 | 1/16/2012 14:27 | PAINT | 1.18 | mg / cm ^2 | Final | ARCH | WOOD | B | INTACT | BROWN | Negative | < LOD | 0.21 < LOD | | 0.21 < LOD | | 2.6 |
| 29 | 1/16/2012 14:29 | PAINT | 2.37 | mg / cm ^2 | Final | WALL | PLASTER | A | INTACT | YELLOW | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 2.6 |
| 30 | 1/16/2012 14:29 | PAINT | 2.36 | mg / cm ^2 | Final | WALL | PLASTER | B | INTACT | YELLOW | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 2.56 |
| 31 | 1/16/2012 14:30 | PAINT | 1.18 | mg / cm ^2 | Final | WALL | PLASTER | C | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 3.66 |
| 32 | 1/16/2012 14:30 | PAINT | 2.75 | mg / cm ^2 | Final | WALL | PLASTER | D | INTACT | YELLOW | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 2.48 |
| 33 | 1/16/2012 14:31 | PAINT | 1.18 | mg / cm ^2 | Final | WINDOW CASING | WOOD | A | INTACT | BROWN | Negative | < LOD | 0.2 < LOD | | 0.2 < LOD | | 2.72 |
| 34 | 1/16/2012 14:31 | PAINT | 1.18 | mg / cm ^2 | Final | BASEBOARD | WOOD | A | INTACT | BROWN | Negative | < LOD | 0.2 < LOD | | 0.2 < LOD | | 2.81 |
| 35 | 1/16/2012 14:34 | PAINT | 1.18 | mg / cm ^2 | Final | DOOR | WOOD | B | INTACT | BROWN | Negative | < LOD | 0.19 < LOD | | 0.19 < LOD | | 2.4 |
| 36 | 1/16/2012 14:36 | PAINT | 1.19 | mg / cm ^2 | Final | RADIATOR | METAL | B | INTACT | BROWN | Negative | < LOD | 0.03 < LOD | | 0.03 < LOD | | 3.13 |
| 37 | 1/16/2012 14:38 | PAINT | 1.97 | mg / cm ^2 | Final | WALL | DRYWALL | A | POOR | GREEN | Negative | < LOD | 0.13 < LOD | | 0.13 < LOD | | 2.36 |
| 38 | 1/16/2012 14:38 | PAINT | 1.59 | mg / cm ^2 | Final | WALL | DRYWALL | B | POOR | GREEN | Negative | < LOD | 0.09 < LOD | | 0.09 < LOD | | 2.9 |
| 39 | 1/16/2012 14:38 | PAINT | 1.57 | mg / cm ^2 | Final | WALL | DRYWALL | C | POOR | GREEN | Negative | < LOD | 0.11 < LOD | | 0.11 < LOD | | 2.81 |
| 40 | 1/16/2012 14:39 | PAINT | 1.97 | mg / cm ^2 | Final | WALL | DRYWALL | D | POOR | GREEN | Negative | < LOD | 0.1 < LOD | | 0.1 < LOD | | 2.71 |
| 41 | 1/16/2012 14:39 | PAINT | 1.18 | mg / cm ^2 | Final | SHELF | WOOD | B | POOR | GREEN | Negative | < LOD | 0.16 < LOD | | 0.16 < LOD | | 1.75 |
| 42 | 1/16/2012 14:41 | PAINT | 1.19 | mg / cm ^2 | Final | SHELF | WOOD | A | FAIR | YELLOW | Negative | < LOD | 0.25 < LOD | | 0.25 < LOD | | 1.68 |
| 43 | 1/16/2012 14:42 | PAINT | 3.55 | mg / cm ^2 | Final | WALL | PLASTER | A | FAIR | YELLOW | Negative | < LOD | 1.2 < LOD | | 0.11 < LOD | | 1.2 |
| 44 | 1/16/2012 14:42 | PAINT | 3.56 | mg / cm ^2 | Final | WALL | PLASTER | B | FAIR | YELLOW | Negative | < LOD | 0.04 < LOD | | 0.04 < LOD | | 1.14 |
| 45 | 1/16/2012 14:42 | PAINT | 2.36 | mg / cm ^2 | Final | WALL | PLASTER | C | FAIR | YELLOW | Negative | < LOD | 0.05 < LOD | | 0.05 < LOD | | 2.44 |
| 46 | 1/16/2012 14:43 | PAINT | 1.58 | mg / cm ^2 | Final | WALL | PLASTER | D | FAIR | YELLOW | Negative | < LOD | 0.31 < LOD | | 0.31 < LOD | | 3.02 |

| | | | | | | | | | | | | |
|----|-----------------|-------|-----------------|-------|---------------|---------|--------|------------|----------------|------------|------------|------|
| 47 | 1/16/2012 14:44 | PAINT | 1.18 mg / cm ^2 | Final | WOOD | A | FAIR | BLUE | Negative < LOD | 0.07 < LOD | 0.07 < LOD | 2.98 |
| 48 | 1/16/2012 14:45 | PAINT | 1.18 mg / cm ^2 | Final | WALL | B | FAIR | BLUE | Negative < LOD | 0.13 < LOD | 0.13 < LOD | 3.13 |
| 49 | 1/16/2012 14:45 | PAINT | 1.19 mg / cm ^2 | Final | WALL | C | FAIR | BLUE | Negative < LOD | 0.06 < LOD | 0.06 < LOD | 2.69 |
| 50 | 1/16/2012 14:45 | PAINT | 1.18 mg / cm ^2 | Final | WALL | D | FAIR | BLUE | Negative < LOD | 0.05 < LOD | 0.05 < LOD | 2.94 |
| 51 | 1/16/2012 14:47 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW CASING | D | FAIR | TAN | Negative < LOD | 0.09 < LOD | 0.09 < LOD | 2.4 |
| 52 | 1/16/2012 14:48 | PAINT | 1.18 mg / cm ^2 | Final | BASEBOARD | D | FAIR | TAN | Negative < LOD | 0.16 < LOD | 0.16 < LOD | 2.24 |
| 53 | 1/16/2012 14:49 | PAINT | 1.18 mg / cm ^2 | Final | CHAIR RAIL | B | FAIR | TAN | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 2.29 |
| 54 | 1/16/2012 14:50 | PAINT | 1.19 mg / cm ^2 | Final | WALL | A | FAIR | WALL PAPER | Negative < LOD | 0.04 < LOD | 0.04 < LOD | 3.44 |
| 55 | 1/16/2012 14:51 | PAINT | 1.18 mg / cm ^2 | Final | WALL | B | FAIR | WALL PAPER | Negative < LOD | 0.14 < LOD | 0.14 < LOD | 3.34 |
| 56 | 1/16/2012 14:51 | PAINT | 1.18 mg / cm ^2 | Final | WALL | C | FAIR | WALL PAPER | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 2.58 |
| 57 | 1/16/2012 14:51 | PAINT | 1.18 mg / cm ^2 | Final | WALL | D | FAIR | WALL PAPER | Negative < LOD | 0.4 < LOD | 0.4 < LOD | 3.29 |
| 58 | 1/16/2012 14:56 | PAINT | 1.17 mg / cm ^2 | Final | CEILING | CEILING | INTACT | WHITE | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 2.34 |
| 59 | 1/16/2012 14:57 | PAINT | 1.19 mg / cm ^2 | Final | WALL | | INTACT | PINK | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 3.19 |
| 60 | 1/16/2012 14:57 | PAINT | 1.18 mg / cm ^2 | Final | WALL | | INTACT | BLUE | Negative < LOD | 0.07 < LOD | 0.07 < LOD | 2.43 |
| 61 | 1/16/2012 14:58 | PAINT | 1.2 mg / cm ^2 | Final | CABINET | | INTACT | TAN | Negative < LOD | 0.05 < LOD | 0.05 < LOD | 2.53 |
| 62 | 1/16/2012 14:59 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW CASING | C | INTACT | TAN | Negative < LOD | 0.07 < LOD | 0.07 < LOD | 2.54 |
| 63 | 1/16/2012 15:08 | PAINT | 1.18 mg / cm ^2 | Final | WALL | A | INTACT | TAN | Negative < LOD | 0.36 < LOD | 0.36 < LOD | 3.44 |
| 64 | 1/16/2012 15:08 | PAINT | 1.19 mg / cm ^2 | Final | WALL | B | INTACT | TAN | Negative < LOD | 0.3 < LOD | 0.3 < LOD | 3.31 |
| 65 | 1/16/2012 15:08 | PAINT | 1.19 mg / cm ^2 | Final | WALL | C | INTACT | TAN | Negative < LOD | 0.74 < LOD | 0.74 < LOD | 3.52 |
| 66 | 1/16/2012 15:09 | PAINT | 1.18 mg / cm ^2 | Final | WALL | D | INTACT | TAN | Negative < LOD | 0.08 < LOD | 0.08 < LOD | 3.31 |
| 67 | 1/16/2012 15:10 | PAINT | 1.19 mg / cm ^2 | Final | DOOR | D | INTACT | TAN | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 2.01 |
| 68 | 1/16/2012 15:17 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW CASING | B | INTACT | TAN | Negative < LOD | 0.22 < LOD | 0.22 < LOD | 2.85 |
| 69 | 1/16/2012 15:20 | PAINT | 3.15 mg / cm ^2 | Final | WALL | A | INTACT | PINK | Positive | 1.7 | 1.2 | 1.7 |
| 70 | 1/16/2012 15:20 | PAINT | 1.96 mg / cm ^2 | Final | WALL | B | INTACT | PINK | Positive < LOD | 3.6 | 1.5 | 3.6 |
| 71 | 1/16/2012 15:21 | PAINT | 3.56 mg / cm ^2 | Final | WALL | C | INTACT | PINK | Positive | 1.2 | 0.5 | 1.2 |
| 72 | 1/16/2012 15:21 | PAINT | 1.98 mg / cm ^2 | Final | WALL | D | INTACT | PINK | Negative < LOD | 0.6 < LOD | 0.6 < LOD | 3.3 |
| 73 | 1/16/2012 15:22 | PAINT | 1.18 mg / cm ^2 | Final | CEILING | CEILING | INTACT | WHITE | Positive < LOD | 4.65 < LOD | 2.1 < LOD | 4.65 |
| 74 | 1/16/2012 15:24 | PAINT | 1.96 mg / cm ^2 | Final | WALL | | INTACT | WALLPAPER | Positive < LOD | 3.75 | 3.8 | 3.75 |
| 75 | 1/16/2012 15:24 | PAINT | 5.11 mg / cm ^2 | Final | WALL | | INTACT | WALLPAPER | Negative < LOD | 1.09 < LOD | 0.34 < LOD | 1.09 |
| 76 | 1/16/2012 15:25 | PAINT | 1.18 mg / cm ^2 | Final | WALL | | INTACT | WALLPAPER | Positive | 7.3 | 4 < LOD | 4 |
| 77 | 1/16/2012 15:25 | PAINT | 1.18 mg / cm ^2 | Final | WALL | D | INTACT | WALLPAPER | Positive < LOD | 5.4 < LOD | 4.2 < LOD | 5.4 |
| 78 | 1/16/2012 15:26 | PAINT | 1.19 mg / cm ^2 | Final | WALL | D | INTACT | BLACK | Negative < LOD | 0.4 < LOD | 0.4 < LOD | 4.5 |
| 79 | 1/16/2012 15:26 | PAINT | 1.18 mg / cm ^2 | Final | DOOR | D | INTACT | BLACK | Negative < LOD | 0.04 < LOD | 0.04 < LOD | 2.04 |
| 80 | 1/16/2012 15:30 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW CASING | C | INTACT | TAN | Positive | 3.8 | 2 | 3.8 |
| 81 | 1/16/2012 15:31 | PAINT | 1.18 mg / cm ^2 | Final | WALL | A | INTACT | TAN | Negative < LOD | 0.12 < LOD | 0.12 < LOD | 3.02 |
| 82 | 1/16/2012 15:31 | PAINT | 1.19 mg / cm ^2 | Final | WALL | B | INTACT | TAN | Negative < LOD | 0.12 < LOD | 0.12 < LOD | 3.01 |
| 83 | 1/16/2012 15:31 | PAINT | 1.18 mg / cm ^2 | Final | WALL | C | INTACT | TAN | Negative < LOD | 0.09 < LOD | 0.09 < LOD | 2.85 |
| 84 | 1/16/2012 15:32 | PAINT | 1.18 mg / cm ^2 | Final | WALL | D | INTACT | TAN | Negative < LOD | 0.11 < LOD | 0.11 < LOD | 2.87 |
| 85 | 1/16/2012 15:33 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW CASING | D | INTACT | TAN | Negative < LOD | 0.17 < LOD | 0.17 < LOD | 2.09 |
| 86 | 1/16/2012 15:33 | PAINT | 1.18 mg / cm ^2 | Final | DOOR | C | INTACT | TAN | Negative < LOD | 0.1 < LOD | 0.1 < LOD | 2.13 |
| 87 | 1/16/2012 15:34 | PAINT | 3.54 mg / cm ^2 | Final | STAIR TREAD | B | INTACT | TAN | Positive | 1.4 | 0.2 | 1.4 |
| 88 | 1/16/2012 15:35 | PAINT | 1.18 mg / cm ^2 | Final | STAIR RISER | B | INTACT | TAN | Positive | 4.7 | 2.3 < LOD | 4.05 |
| 89 | 1/16/2012 15:38 | PAINT | 1.18 mg / cm ^2 | Final | RAILING | D | INTACT | TAN | Negative < LOD | 0.28 < LOD | 0.28 < LOD | 2.4 |
| 90 | 1/16/2012 15:39 | PAINT | 2.38 mg / cm ^2 | Final | WALL | A | POOR | WHITE | Negative < LOD | 0.08 < LOD | 0.08 < LOD | 2.7 |
| 91 | 1/16/2012 15:40 | PAINT | 1.18 mg / cm ^2 | Final | WALL | A | INTACT | WHITE | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 2.74 |
| 92 | 1/16/2012 15:40 | PAINT | 1.19 mg / cm ^2 | Final | WALL | B | INTACT | WHITE | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 2.09 |
| 93 | 1/16/2012 15:41 | PAINT | 1.18 mg / cm ^2 | Final | WALL | C | INTACT | WHITE | Negative < LOD | 0.03 < LOD | 0.03 < LOD | 1.86 |

| | | | | | | | | | | | | | | |
|-----|-----------------|-------|------------------|-------|---------------|---------------|---|--------|--------|----------|-------|-------------|------------|-------|
| 94 | 1/16/2012 15:41 | PAINT | 1.57 mg / cm ^2 | Final | WALL | WOOD | D | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.34 |
| 95 | 1/16/2012 15:42 | PAINT | 2.74 mg / cm ^2 | Final | FLOOR | CONCRETE | A | INTACT | GRAY | Negative | < LOD | 0.05 < LOD | 0.05 < LOD | 2.81 |
| 96 | 1/16/2012 15:42 | PAINT | 1.57 mg / cm ^2 | Final | COLUMN | WOOD | A | INTACT | WHITE | Positive | 2.7 | 1.5 2.7 | 1.5 3.3 | 2.2 |
| 97 | 1/16/2012 15:43 | PAINT | 3.56 mg / cm ^2 | Final | COLUMN | WOOD | A | INTACT | WHITE | Positive | 2 | 0.8 1 | 0.4 2 | 0.8 |
| 98 | 1/16/2012 15:44 | PAINT | 1.18 mg / cm ^2 | Final | BEAM | WOOD | C | INTACT | WHITE | Negative | < LOD | 0.15 < LOD | 0.15 < LOD | 2.1 |
| 99 | 1/16/2012 15:44 | PAINT | 1.18 mg / cm ^2 | Final | BEAM | WOOD | B | INTACT | WHITE | Negative | < LOD | 0.04 < LOD | 0.04 < LOD | 2.1 |
| 100 | 1/16/2012 15:45 | PAINT | 0.4 mg / cm ^2 | Final | COLUMN | WOOD | B | INTACT | WHITE | Positive | < LOD | 6.6 < LOD | 6.6 < LOD | 15.45 |
| 101 | 1/16/2012 15:46 | PAINT | 2.37 mg / cm ^2 | Final | COLUMN | CONCRETE | B | INTACT | WHITE | Negative | < LOD | 0.15 < LOD | 0.15 < LOD | 2.73 |
| 102 | 1/16/2012 15:57 | PAINT | 1.18 mg / cm ^2 | Final | WALL | CONCRETE | C | INTACT | WHITE | Negative | < LOD | 0.05 < LOD | 0.05 < LOD | 2.19 |
| 103 | 1/16/2012 15:58 | PAINT | 1.96 mg / cm ^2 | Final | WALL | CONCRETE | C | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.99 |
| 104 | 1/16/2012 15:58 | PAINT | 1.18 mg / cm ^2 | Final | WALL | CONCRETE | C | INTACT | WHITE | Null | < LOD | 0.08 < LOD | 0.08 < LOD | 3.39 |
| 105 | 1/16/2012 15:58 | PAINT | 2.36 mg / cm ^2 | Final | WALL | CONCRETE | C | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.52 |
| 106 | 1/16/2012 15:59 | PAINT | 1.18 mg / cm ^2 | Final | PIPE | METAL | B | INTACT | SILVER | Negative | < LOD | 0.05 < LOD | 0.05 < LOD | 4.09 |
| 107 | 1/16/2012 16:01 | PAINT | 1.17 mg / cm ^2 | Final | WINDOW CASING | WOOD | B | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.55 |
| 108 | 1/16/2012 16:04 | PAINT | 3.93 mg / cm ^2 | Final | EX DOOR | WOOD | C | INTACT | WHITE | Positive | 1.3 | 0.2 1.3 | 0.2 1.1 | 0.7 |
| 109 | 1/16/2012 16:07 | PAINT | 2.38 mg / cm ^2 | Final | WALL | WOOD | A | INTACT | WHITE | Positive | 3.1 | 1.9 < LOD | 0.04 3.1 | 1.9 |
| 110 | 1/16/2012 16:08 | PAINT | 2.76 mg / cm ^2 | Final | WALL | VINYL COVERED | A | INTACT | WHITE | Positive | 2.6 | 1.6 < LOD | 0.1 2.6 | 1.6 |
| 111 | 1/16/2012 16:08 | PAINT | 2.75 mg / cm ^2 | Final | WALL | VINYL COVERED | D | INTACT | WHITE | Positive | 2.9 | 1.7 < LOD | 0.04 2.9 | 1.7 |
| 112 | 1/16/2012 16:09 | PAINT | 1.18 mg / cm ^2 | Final | WALL | VINYL COVERED | C | INTACT | WHITE | Negative | < LOD | 0.57 < LOD | 0.57 < LOD | 2.85 |
| 113 | 1/16/2012 16:09 | PAINT | 3.14 mg / cm ^2 | Final | WALL | VINYL COVERED | C | INTACT | WHITE | Positive | 2.3 | 1 < LOD | 0.2 2.3 | 1 |
| 114 | 1/16/2012 16:09 | PAINT | 1.19 mg / cm ^2 | Final | WALL | VINYL COVERED | D | INTACT | WHITE | Positive | < LOD | 4.5 < LOD | 0.14 < LOD | 4.5 |
| 115 | 1/16/2012 16:10 | PAINT | 0.4 mg / cm ^2 | Final | WINDOW SASH | WOOD | D | INTACT | WHITE | Positive | < LOD | 32.85 < LOD | 7.8 < LOD | 32.85 |
| 116 | 1/16/2012 16:11 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW SASH | VINYL | A | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.25 |
| 117 | 1/16/2012 16:12 | PAINT | 1.18 mg / cm ^2 | Final | WINDOW SASH | VINYL | D | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.47 |
| 118 | 1/16/2012 16:12 | PAINT | 1.97 mg / cm ^2 | Final | WINDOW SASH | VINYL | C | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 1.89 |
| 119 | 1/16/2012 16:13 | PAINT | 1.18 mg / cm ^2 | Final | DOOR | WOOD | C | INTACT | WHITE | Negative | < LOD | 0.03 < LOD | 0.03 < LOD | 2.77 |
| 120 | 1/16/2012 16:23 | PAINT | 7.92 mg / cm ^2 | Final | CALIBRATION | | | | | Positive | 1.1 | 0.1 1.1 | 0.1 < LOD | 0.7 |
| 121 | 1/16/2012 16:24 | PAINT | 20.11 mg / cm ^2 | Final | CALIBRATION | | | | | Positive | 1 | 0.1 1 | 0.1 < LOD | 0.45 |
| 122 | 1/16/2012 16:24 | PAINT | 5.92 mg / cm ^2 | Final | CALIBRATION | | | | | Negative | 0.9 | 0.1 0.9 | 0.1 < LOD | 0.83 |
| 123 | 1/16/2012 16:25 | PAINT | 15.72 mg / cm ^2 | Final | CALIBRATION | | | | | Positive | 1.1 | 0.1 1.1 | 0.1 < LOD | 0.52 |

ATTACHMENT 2

SAMPLE LOCATION SKETCHES



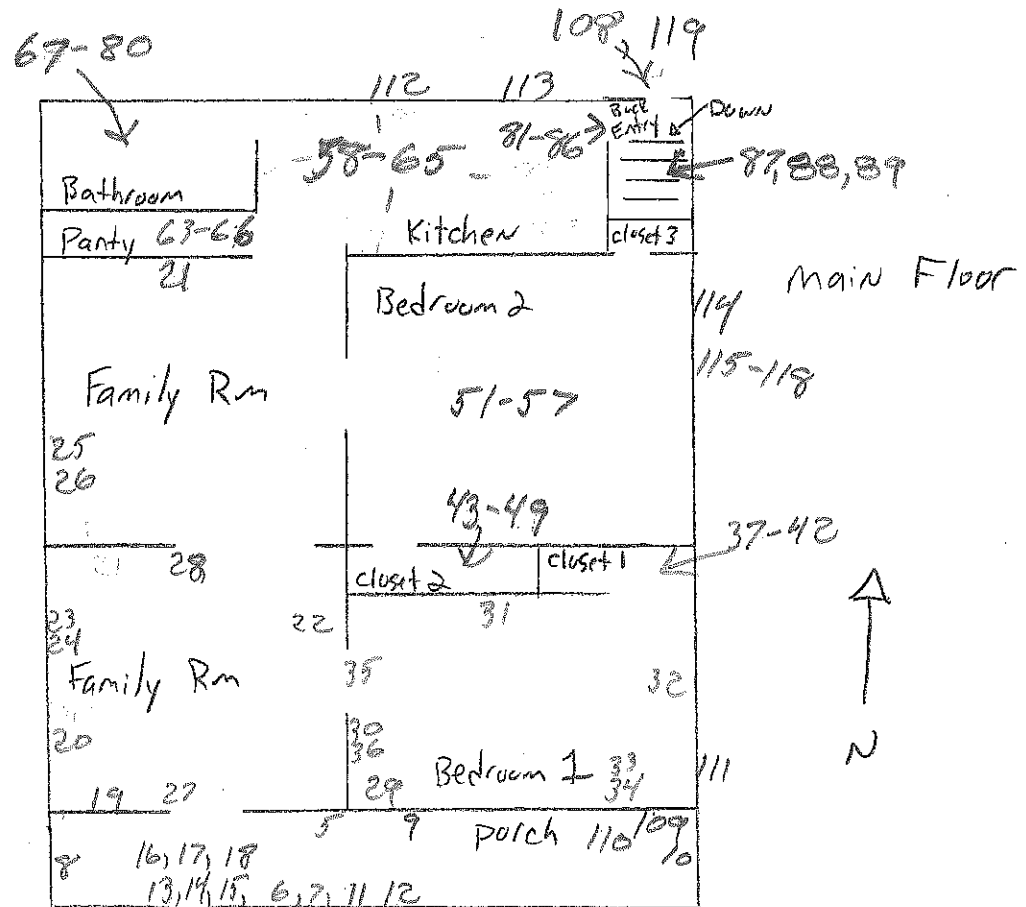
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 117 Hatch

By _____ Date 1-16-12

Lead
Sample
Locations



Hatch



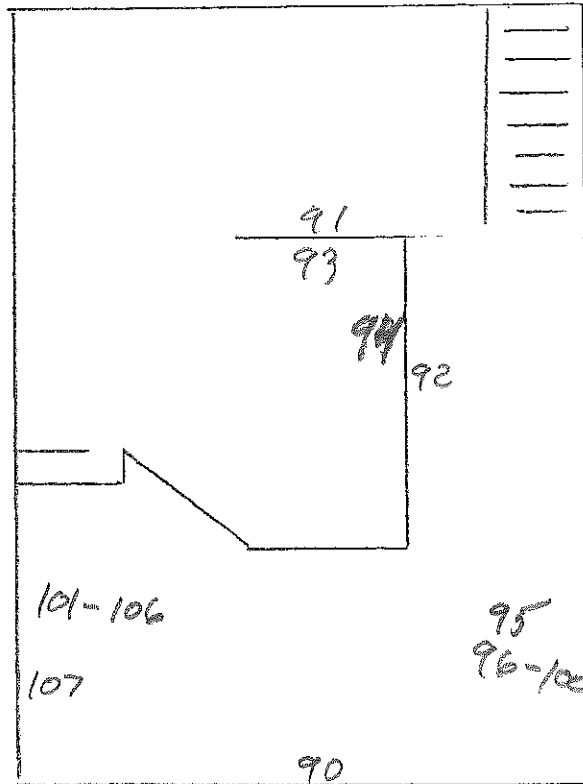
7615 Golden Triangle Dr., Suite N
Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01 Sheet _____ of _____

Project Name 117 Hatch

By _____ Date 1-16-12

lead
Sample
locations



Basement



Hatch



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Eden Prairie, MN 55344
(952) 831-3341 • Fax (952) 831-4552

Project No. 21063.01

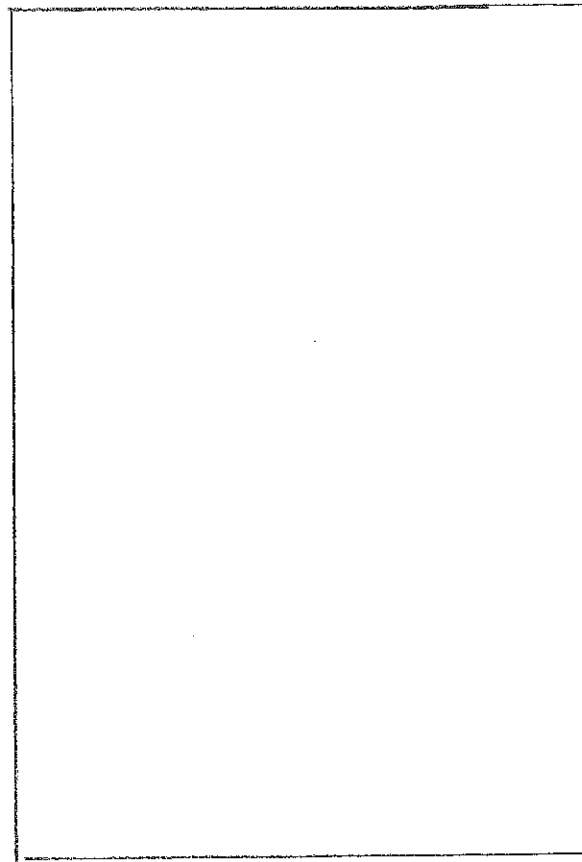
Sheet _____ of _____

Project Name 117 Hatch

By _____ Date 1-16-12

Lead
Sample
Locations

No LBP Samples
Same as house
Assume LBP
Siding & wood
doors and windows



Garage



Hatch

ATTACHMENT 3

CERIFICATE

Issue Date: November 18, 2011

Certificate No: 5LM11181107PbRAR

This diploma is awarded to
Matthew P. Erickson
4808 W 82nd St Bloomington MN 55437
for successfully completing and passing the examination for the

**LEAD (Pb) RISK ASSESSOR
REFRESHER TRAINING COURSE**

This training course is Approved by the State of Minnesota
under Minnesota Rules, parts 4761.2000 to 4761.2700
and meets the requirements of 40 CFR 745.225,
and Title X of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.

in
White Bear Lake, MN on November 18, 2011
Examination Date: November 18, 2011

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811


Bob Rogalla - Training Course Manager

Online Test Results

Test Number:

Test Number: **6102538** Result: **< 0.3 pCi/l**

- This test was received for analysis on **03/16/2012**
 - The total exposure time was **114 hours**
 - Starting on **03/07/2012** at **1:00 pm**
 - Ending on **03/12/2012** at **8:00 am**
-

EPA Recommendations

The US EPA action level for indoor radon is 4.0 pCi/L. Test results in this range(0.5 pCi/L or higher) are considered to be a health concern. For these purposes, equivalent to the radon levels found in fresh air. However, if you make any structural changes to the building more frequently you should test again.

[Click here for EPA Radon Publications](#)

Printed Reports?

Your formal written report is being mailed to the address entered into our computer when the test was purchased...OR...to the address that may have been printed on the sample packet by the manufacturer.

You may use your Browser's print function to print out this abbreviated report or you have the option to request a faxed copy. Additionally, you may [click this link](#) to send your request card to our office.

[Click here to contact your state radon office](#)

Online Test Results

Test Number:

Test Number: **6102537** Result: **< 0.3 pCi/l**

- This test was received for analysis on **03/16/2012**
 - The total exposure time was **114 hours**
 - Starting on **03/07/2012** at **1:00 pm**
 - Ending on **03/12/2012** at **8:00 am**
-

EPA Recommendations

The US EPA action level for indoor radon is 4.0 pCi/L. Test results in this range(0.5 pCi/L or higher) are considered a health concern. For these purposes, equivalent to the radon levels found in fresh air. However, if you make any structural changes to the building more frequently you should test again.

[Click here for EPA Radon Publications](#)

Printed Reports?

Your formal written report is being mailed to the address entered into our computer when the test was purchased...OR...to the address that may have been printed on the sample packet by the end of the test.

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[Click here to contact your state radon office](#)